1. Annual Report

a. Executive Summary

The County of El Dorado Vector Control operates in two distinct areas of the County. On the Eastern slope, in the Tahoe Basin portion of El Dorado County vector control, seasonal service is provided between April and October each year. Vector Control on the Western slope program is also operated seasonally on a complaint basis. Vector Control on the Eastern slope is located within the Lahontan Regional Water Quality Control Board District (RWQCB) (Region 6), and the Western slope is located within the Central Valley RWQCB (Region 5). The District operates under the Statewide National Pollutant Discharge Elimination System (NPDES) Permit for Biological and Residual Pesticide Discharges to Waters of the United States from Vector Control Applications (Water Quality Order No. 2011-0002-DWQ as amended by Water Quality Order No. 2012-0003-DWQ) since it became effective on November 1, 2011.

On the Eastern slope 852 larvicide treatment applications were conducted in 2012. The Western slope made 540 applications. There were no applications of adulticides in 2012 on either slope of the County. The District complied with the instructions on the labels of the pesticides and continued to follow the guidelines of its Pesticide Application Plan (PAP). The District conducted visual monitoring on 10% of applications made from January 1 until July 13, 2012. Visual monitoring was suspended on July 13 due to high West Nile virus activity throughout the state of California. Staff on the Eastern slope performed 85 visual monitoring applications of larvicide. No significant impacts to water quality were observed. The State Water Resources Control Board (SWRCB) notified the permit holders in a letter to Mosquito and Vector Control Association of California (MVCAC) dated July 13, 2012 that because the visual monitoring requirements were "interfering with the need for maximal efficient application to adequately protect human health from vector-borne diseases like West Nile Virus," that the visual monitoring was no longer required by individual Districts.

El Dorado County Vector Control is a member of the MVCAC Monitoring Coalition. The MVCAC Coalition completed the physical and chemical monitoring required by the Vector Control Permit that was issued by the SWRCB.

b. <u>Summary of Monitoring Data</u>

El Dorado County Vector Control began the year by complying with the visual monitoring requirements of the permit. (See Footnote 1 of Tables C-1 and C-2 in Amended Water Quality Control Order No. 2011-0002-DWQ, General Permit No. CAG990004.) These requirements entailed a significant amount of time to

perform visual monitoring and documentation at 10% of sites. Most critically, time spent revisiting previously observed sites caused delays in getting to new sites. Given the short lifecycle of the mosquito, this greatly exacerbated the task of looking for and treating mosquito breeding sites early in their lifecycle when treatment is more concentrated and effective. Recognizing the need of mosquito control districts to quickly find and treat mosquito breeding sites to prevent the spread of disease, such as West Nile virus, the SWRCB issued a letter to MVCAC dated July 13, 2012 that indicated the visual monitoring requirement would no longer be required of individual Districts.

Per the instructions in the letter, the MVCAC Coalition will provide information on the incidence of West Nile Virus and other similar public health threats in the their annual report.

Physical and chemical monitoring was conducted as part of the MVCAC Monitoring Coalition. All measurements made by Coalition volunteer districts or by URS, the consultant hired by MVCAC to coordinate and report physical and chemical monitoring, is contained within the MVCAC NPDES Annual Report.

c. **BMP Identification**

BMP's utilized by the EDC Vector Control are outlined in the Pesticide Application Plan (PAP). These include: source reduction, routine surveillance of breeding sites, use of biological and physical methods to control mosquitoes when appropriate, compliance with federal and state laws, training employees to prevent and respond to spills, storing pesticides in secure locations, calibration of pesticide use equipment, and maintaining certification of staff as State Certified Public Health Vector Control Technicians

- d. <u>BMP Modifications Addressing Violations</u> No violations of the General Permit by the District were observed.
- e. <u>Map of Applications</u> A map is provided showing the areas of treatment. (see attachment A).
- f. Log of Applications made to Waters of the U.S. See attachment entitled "Treatment History" which identifies amounts and names of pesticides used as well as site identification information. (Attachment B).
- g. <u>General Information on Applications.</u> See attachment entitled "Treatment History" which identifies information on surface area. Dosage, concentration, and quantity of pesticides used are derived from pesticide label information.
- h. <u>Visual Monitoring Data</u> This information is provided in Attachment C.

i. Monitoring Program, BMPs and PAP Recommendations

No recommendations are being proposed to improve the current BMP's, PAP, or monitoring plan. Any changes to the Coalition Monitoring Plan will be highlighted in the Coalition Monitoring Annual Report.

j. <u>Pesticide Application Log</u>

The pesticide application log information is found in Attachment B, entitled "Treatment History".

2. Updated Monitoring Locations

In 2012, a few new sources were found and added to the inventory for Eastern Slope. A few other sources having the same habitat classification were combined into one source to eliminate confusion.

3. Self-Monitoring Reports

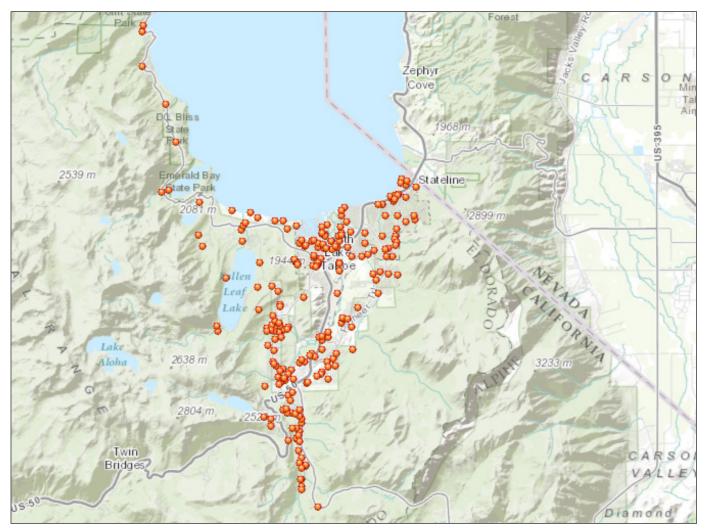
The SWRCB and RWQCB (Districts 5 and 6) did not request submission of self-monitoring reports.

4. Monitoring Reports

The District is a member of the MVCAC Monitoring and Reporting Coalition. The MVCAC Coalition is responsible for the physical and chemical monitoring requirements of the Vector Control permit. A copy of their report is attached as Attachment D.

Vector Treatment Locations 2012

Treatment locations



NPS, Esri, DeLorme, NAVTEQ, USGS, USDA, EPA, TomTom, NGA



EL DORADO COUNTY ENVIRONMENTAL MANAGEMENT **Vector Control District**

PLACERVILLE OFFICE 2850 FAIRLANE CT. BLDG "C" PLACERVILLE, CA 95667 530-621-5300 Fax# 530-642-1531

SOUTH LAKE TAHOE OFFICE 3368 Lake Tahoe Blvd. Ste. 303 South Lake Tahoe, CA 96150 530-573-3450 Fax# 530-542-3364

Treatment Area:

Treatment Area:

Treatment Area:

Treatment History

TM/1 BEACH RD MEADOW FROM LAKE RD N. TO END Record: VS0000115 Site Description: MARSH, MEADOW Assigned To: EE0000084 - KAREN BENDER

Activity Date: Treatment:

08/28/2012 1.00 EA Altosid briq. 30 day 16.00 SQ-F	08/28/2012	0.25 OZ	GB1111	16.00 SQ-F
	08/28/2012	1.00 EA	Altosid briq. 30 day	16.00 SQ-F

Record: VS0000116 MANZANITA AVE Site Description: B.M.P, DITCHES, SNOW MELT Assigned To: EE0000084 - KAREN BENDER

Activity Date: Treatment:

07/25/2012	1.00	EA	Altosid briq. XR	25.00	SQ-F	
07/25/2012	2.50	ΟZ	Bti granular-VectoBac G	800.00	SQ-F	

Record: VS0000117 MONTREAL AVE-CHONOKIS TO STLN-MARSH BEHIND COLONY MONTREAL AVE. FROM CHONOKIS TO STATELINE-MARSH BEHIND COLONY INN Site Description: Assigned To: EE0000084 - KAREN BENDER

Activity Date: Treatment:

08/30/2012 0.50 OZ Bti granular-VectoBac G	250.00 SQ-F	
--	-------------	--

Record: VS0000123 EMBASSY SUITES/ L/T VAC RESORTS Site Description: BMP/SNOW MELT/ DITCH/ EE0000084 - KAREN BENDER Assigned To:

Treatment Area: Activity Date: Treatment: GB1111 08/28/2012 1.75 ΟZ 112.00 SQ-F 08/28/2012 7.00 ΕA Altosid briq. 30 day 112.00 SQ-F 08/16/2012 1.00 ΟZ Bti granular-VectoBac G 300.00 SQ-F

Record: VS0000124 OSGOOD AVE. FROM SKI RUN TO WILDWOOD Site Description: BMP/MARSH/POOL/DITCH/SNOW MELT EE0000084 - KAREN BENDER Assigned To:

Activity Date: Treatment:

08/29/2012	1.25	OZ	GB1111	80.00	SQ-F
08/29/2012	5.00	EA	Altosid briq. 30 day	80.00	SQ-F
04/23/2012	3.50	OZ	Vectomax CG	1,200.00	SQ-F
05/07/2012	1.00	EA	Altosid briq. XR	80.00	SQ-F
Site Description Assigned To:	EE000	RAINAGE BE 00084 - KARE	VOOD & PIONEER TO TAMARACK EHIND APT. EN BENDER		
Activity Date:	Tre	eatment:		Treatment Are	ea:
06/06/2012	1.00	OZ	Bti granular-VectoBac G	250.00	SQFT
Record: VS00 Site Description Assigned To:	n: SN		Y AVE. TO HWY 50 POOLS/POND/MARSH/ EN BENDER		
Activity Date:	Tre	eatment:		Treatment Are	ea:
04/09/2012	2.00	OZ	Bti granular-VectoBac G	500.00	SQ-F
04/09/2012	2.00	EA	Altosid briq. 30 day	100.00	SQ-F
07/06/2012	1.00	OZ	Bti granular-VectoBac G	300.00	SQ-F
Record: VS00 Site Description Assigned To:	n: SN EE000	GLENW IOW DITCH 00084 - KARE			
Activity Date:	Tre	eatment:		Treatment Are	ea:
07/06/2012	1.00	EA	Altosid briq. 30 day	30.00	SQ-F
07/31/2012	0.50	OZ	GB1111	40.00	SQ-F
Record: VS00 Site Description Assigned To:	n: SN		GOLF COURSE & MEADOW POOLS/POND/ EN BENDER		
Activity Date:	Tre	eatment:		Treatment Are	ea:
07/06/2012	4.00	OZ	Bti granular-VectoBac G	1,400.00	SQ-F
08/22/2012	1.25	OZ	GB1111	120.00	SQ-F
Record: VS00	n: SN		R FROM HERBERT TO AL TAHOE POOLS/POND/ EN BENDER		
Assigned To:	LLUUU				
Assigned To: Activity Date:		eatment:		Treatment Are	ea:

Treatr					
07/31/2012	2.00	OZ	GB1111	100.00	SQ-F
Record: VS0 Site Descriptior Assigned To: Activity Date:	n: SN EE000	IOW MELT	IOE WEST SIDE FORESTED AREA POOLS/POND/ EEN BENDER	Treatment Ar	
Activity Date.	iie	aunen.		ineatinent Ai	54.
04/09/2012	4.00	EA	Altosid briq. 30 day	100.00	SQ-F
05/15/2012	3.00	EA	Altosid briq. 30 day	250.00	SQ-F
Record: VS0 Site Descriptior Assigned To: Activity Date:	n: SN EE000	IOW MELT	IOE EAST SIDE/PERIMETER OF VILLAG POOL/POND/ REN BENDER	E Treatment Ar	ea:
,					
09/05/2012	0.50	OZ	GB1111	35.00	SQ-F
Site Descriptior Assigned To: Activity Date:	EE000	-	DITCH PONDS REN BENDER	Treatment Ar	ea:
08/01/2012	0.50	OZ	GB1111	4.00	SQ-F
08/01/2012	0.25	OZ	Bti granular-VectoBac G	60.00	SQ-F
07/11/2012	1.00	OZ	GB1111	100.00	SQ-F
07/11/2012					
	5.00	EA	Altosid briq. 30 day	100.00	SQ-F
Site Descriptior Assigned To:	000135 1: SN EE000	HEAVE IOW MELT 10084 - KAR	Altosid briq. 30 day NLY CREEK 2 POOL/POND/MARSH/MEADOW/BMP/DI EN BENDER	100.00 ITCH	
Site Descriptior Assigned To:	000135 1: SN EE000	HEAVE IOW MELT	NLY CREEK 2 POOL/POND/MARSH/MEADOW/BMP/DI	100.00	
Site Descriptior Assigned To: Activity Date:	000135 1: SN EE000	HEAVE IOW MELT 10084 - KAR	NLY CREEK 2 POOL/POND/MARSH/MEADOW/BMP/DI	100.00 ITCH	
Site Descriptior Assigned To: Activity Date: 08/02/2012	000135 n: SN EE000 Tre	HEAVE IOW MELT 10084 - KAR eatment:	NLY CREEK 2 POOL/POND/MARSH/MEADOW/BMP/DI EN BENDER	100.00 ITCH Treatment Ar	ea:
Site Description Assigned To: Activity Date: 08/02/2012 05/15/2012	000135 1: SN EE000 Tre 6.00	HEAVE IOW MELT 10084 - KAR eatment: OZ	NLY CREEK 2 POOL/POND/MARSH/MEADOW/BMP/DI EN BENDER GB1111	100.00 ITCH Treatment Ar 450.00	ea: SQ-F
Site Description Assigned To: Activity Date: 08/02/2012 05/15/2012 04/25/2012 Record: VS0 Site Description	000135 n: SN EE000 Tre <u>6.00</u> 2.00 2.00 000136 n: SN	HEAVE IOW MELT 10084 - KAR eatment: OZ EA EA PIONEE	NLY CREEK 2 POOL/POND/MARSH/MEADOW/BMP/DI REN BENDER GB1111 Altosid briq. XR	100.00 ITCH Treatment Ar <u>450.00</u> <u>150.00</u> 100.00	ea: SQ-F SQ-F
Record: VS0 Site Description Assigned To: Activity Date: 08/02/2012 05/15/2012 04/25/2012 Record: VS0 Site Description Assigned To: Activity Date:	000135 n: SN EE000 Tre 6.00 2.00 2.00 000136 n: SN EE000	HEAVE IOW MELT 10084 - KAR eatment: OZ EA EA PIONEE	NLY CREEK 2 POOL/POND/MARSH/MEADOW/BMP/DI EN BENDER GB1111 Altosid briq. XR Altosid briq. 30 day ER TRAIL-AL TAHOE TO BLACK BART/ C POOL/POND/MARSH	100.00 ITCH Treatment Ar <u>450.00</u> <u>150.00</u> 100.00	ea: SQ-F SQ-F SQ-F

Record: VS0000137 TROUT CREEK/HWY 50 TO MARTIN/BRIDGE/EAST SIDE Site Description: SNOW MELT POOL/POND Assigned To: EE0000084 - KAREN BENDER

Activity Date: Treatment:

07/23/2012	0.13	ΟZ	Bti granular-VectoBac G	40.00	SQ-F
07/11/2012	0.25	ΟZ	Bti granular-VectoBac G	60.00	SQ-F
07/11/2012	0.50	ΟZ	GB1111	30.00	SQ-F
07/02/2012	1.00	ΟZ	GB1111	75.00	SQ-F
06/18/2012	0.25	ΟZ	Bti granular-VectoBac G	50.00	SQ-F
05/25/2012	5.00	EA	Altosid briq. XR	300.00	SQ-F
08/23/2012	0.50	ΟZ	GB1111	40.00	SQ-F

 Record:
 VS0000138
 TROUT CREEK (MARTIN TO BRIDGE-WEST SIDE)

 Site Description:
 SNOW MELT POOL/POND/

 Assigned To:
 EE0000084 - KAREN BENDER

Activity Date: Treatment:

08/23/2012	0.25 OZ	GB1111	15.00 SQ-F
08/23/2012	0.25 OZ	Bti granular-VectoBac G	45.00 SQ-F
05/02/2012	12.00 EA	Altosid briq. XR	900.00 SQ-F

Record: VS0000139 COLD CREEK-PIONEER AROUND LAKE CRISTOPHER Site Description: SNOW MELT POOL/POND/MARSH/ Assigned To: EE0000084 - KAREN BENDER

Activity Date: Treatment:

04/27/2012	2.00	LB	Bti granular-VectoBac G	0.30 AC
08/02/2012	2.00	EA	Altosid briq. XR	150.00 SQ-F
07/26/2012	3.00	EA	Altosid briq. XR	80.00 SQ-F
07/26/2012	0.25	ΟZ	GB1111	20.00 SQ-F

Record: VS0000140 TROUT CREEK (GINGER'S MEADOW) Site Description: SNOW MELT POOL/POND Assigned To: EE0000084 - KAREN BENDER

Activity Date: Treatment:

Treatment Area:

Treatment Area:

Treatment Area:

07/27/2012	6.00	ΟZ	Bti granular-VectoBac G	2,000.00	SQ-F	
06/08/2012	0.25	ΟZ	GB1111	30.00	SQ-F	
06/08/2012	1.00	EA	Altosid briq. 30 day	15.00	SQ-F	
09/06/2012	8.00	ΟZ	Bti granular-VectoBac G	3,000.00	SQ-F	

Record: VS0000141 CREEK TO TROUT CR, SOUTHERN SIDE OF PIONEER Site Description: SNOW MELT POOL/POND/ Assigned To: EE0000084 - KAREN BENDER

Treatment Area: Activity Date: Treatment: 400.00 08/27/2012 1.00 ΟZ Bti granular-VectoBac G SQ-F Record: VS0000142 SUSQUEHANA TO JICARILLA TO PIONEER TR. Site Description: SNOW MELT POOL/POND/ MARSH/MEADOW/DITCH EE0000084 - KAREN BENDER Assigned To: Activity Date: Treatment: **Treatment Area:** 05/18/2012 Bti granular-VectoBac G 200.00 SQ-F 0.50 ΟZ 05/18/2012 1.00 ΕA Altosid briq. XR 100.00 SQ-F ΟZ 05/01/2012 4.00 Bti granular-VectoBac G 1,500.00 SQ-F 04/10/2012 1.00 ΕA 300.00 SQ-F Altosid briq. 30 day

Record: VS0000143 HEKPA TO OLD DUMP Site Description: SNOW MELT POOL/POND/MARSH/MEADOW/DITCH Assigned To: EE0000084 - KAREN BENDER

Treatment:

06/13/2012 0.25 ΟZ Bti granular-VectoBac G 60.00 SQFT 07/24/2012 1.00 EA Altosid briq. XR 100.00 SQ-F 07/24/2012 1.25 ΟZ GB1111 115.00 SQ-F 07/24/2012 0.12 ΟZ Bti granular-VectoBac G 30.00 SQ-F 08/24/2012 0.50 ΟZ GB1111 40.00 SQ-F 09/21/2012 0.25 ΟZ Bti granular-VectoBac G 100.00 SQ-F

 Record:
 VS0000144
 WASHOAN (PIONEER TRL. TO ONNONTIOGA)

 Site Description:
 SNOW MELT POOL/POOL/MARSH/MEADOW/BMP/DITCH

 Assigned To:
 EE0000084 - KAREN BENDER

Activity Date: Treatment:

Activity Date:

Treatment Area:

Treatment Area:

08/13/2012	0.50 OZ	Bti granular-VectoBac G	200.00	SQ-F
07/16/2012	0.25 OZ	Bti granular-VectoBac G	40.00	SQ-F
06/14/2012	5.00 EA	Altosid briq. 30 day	400.00	SQ-F
04/10/2012	5.00 OZ	Bti granular-VectoBac G	2,500.00	SQ-F
		•	•	

Record: VS0000146 LILLY AVE, MEADOW ON WEST SIDE Site Description: * POOL/MARSH/MEADOW Assigned To: EE0000084 - KAREN BENDER

Activity Date: Treatment:

04/04/2012	1.00	EA	Altosid briq. 30 day	100.00	SQ-F
07/26/2012	2.50	LB	Bti granular-VectoBac G	0.50	AC
07/26/2012	4.00	LB	Vectomax CG	0.80	AC
Record: VS0 Site Descriptior Assigned To: Activity Date:	EE000		I MEADOW W. OF ARGONAUT & BELLEVUE MARSH/MEADOW/DITCH N BENDER	Treatment Ar	ea:
08/27/2012	7.00	LB	Bti granular-VectoBac G	1.40	AC
08/24/2012	1.00	LB	Bti granular-VectoBac G	0.20	AC
Record: VS0 Site Description Assigned To: Activity Date:	n: SN EE000		TIOGA - WASHOAN TO NOTTAWAY POOL/POND/MARSH/MEADOW/BMP/DITCH N BENDER	Treatment Ar	ea:
08/10/2012	1.00	LB	Bti granular-VectoBac G	0.20	AC
07/16/2012	6.00	EA	Altosid briq. 30 day	400.00	SQ-F
07/05/2012	2.00	OZ	Bti granular-VectoBac G	600.00	SQ-F
Record: VS00 Site Description Assigned To: Activity Date:	EE000	-	/AY FROM WASHOAN TO END POOL/POND/MARSH/MEADOW/BMP/DITCH N BENDER	Treatment Ar	ea:
Site Description Assigned To:	n: SN EE000	IOW MELT/F 10084 - KARE eatment:	POOL/POND/MARSH/MEADOW/BMP/DITCH	Treatment Ar	ea: SQ-F
Site Description Assigned To: Activity Date: 07/16/2012 Record: VS00 Site Description Assigned To:	n: SN EE000 Tre 0.25 000150 n: SN EE000	OW MELT/F 00084 - KARE eatment: OZ BOREN I IOW MELT/F 00084 - KARE	POOL/POND/MARSH/MEADOW/BMP/DITCH N BENDER GB1111 FROM NOTTAWAY TO GLEN EAGLES POOL/POND/MARSH/MEADOW/BMP/DITCH	25.00	SQ-F
Site Description Assigned To: Activity Date: 07/16/2012 Record: VS00 Site Description	n: SN EE000 Tre 0.25 000150 n: SN EE000	IOW MELT/F 10084 - KARE 2015 2015 2017 2017 2017 2017 2017 2017 2017 2017	POOL/POND/MARSH/MEADOW/BMP/DITCH N BENDER GB1111 FROM NOTTAWAY TO GLEN EAGLES POOL/POND/MARSH/MEADOW/BMP/DITCH		SQ-F
Site Description Assigned To: Activity Date: 07/16/2012 Record: VS00 Site Description Assigned To:	n: SN EE000 Tre 0.25 000150 n: SN EE000	OW MELT/F 00084 - KARE eatment: OZ BOREN I IOW MELT/F 00084 - KARE	POOL/POND/MARSH/MEADOW/BMP/DITCH N BENDER GB1111 FROM NOTTAWAY TO GLEN EAGLES POOL/POND/MARSH/MEADOW/BMP/DITCH	25.00	SQ-F
Site Description Assigned To: Activity Date: 07/16/2012 Record: VS00 Site Description Assigned To: Activity Date:	n: SN EE000 Tre 0.25 000150 n: SN EE000 Tre	IOW MELT/F 10084 - KARE 20084 - KARE 20084 - KARE 20084 - KARE 20084 - KARE	OOL/POND/MARSH/MEADOW/BMP/DITCH N BENDER GB1111 FROM NOTTAWAY TO GLEN EAGLES POOL/POND/MARSH/MEADOW/BMP/DITCH N BENDER	25.00 Treatment Ar	SQ-F ea:
Site Description Assigned To: Activity Date: 07/16/2012 Record: VS00 Site Description Assigned To: Activity Date: 08/16/2012 08/10/2012	n: SN EE000 Tre 0.25 000150 n: SN EE000 Tre <u>3.00</u> 1.00	IOW MELT/F 10084 - KARE 20084 - KARE 20084 - KARE 10W MELT/F 10084 - KARE 20084 - K	POOL/POND/MARSH/MEADOW/BMP/DITCH N BENDER GB1111 FROM NOTTAWAY TO GLEN EAGLES POOL/POND/MARSH/MEADOW/BMP/DITCH N BENDER Altosid briq. 30 day GB1111 E CIR.PUMP HOUSE POOL AND ROAD DITC SNOW MELT	25.00 Treatment Ar 300.00 100.00	SQ-F ea:
Site Description Assigned To: Activity Date: 07/16/2012 Record: VS00 Site Description Assigned To: Activity Date: 08/16/2012 08/10/2012 Record: VS00 Site Description	n: SN EE000 Tre 0.25 000150 n: SN EE000 Tre 3.00 1.00 000152 n: DI [*] EE000	IOW MELT/F 10084 - KARE 20084 - KARE 20084 - KARE 10W MELT/F 10084 - KARE 20084 - K	POOL/POND/MARSH/MEADOW/BMP/DITCH N BENDER GB1111 FROM NOTTAWAY TO GLEN EAGLES POOL/POND/MARSH/MEADOW/BMP/DITCH N BENDER Altosid briq. 30 day GB1111 E CIR.PUMP HOUSE POOL AND ROAD DITC SNOW MELT	25.00 Treatment Ar 300.00 100.00	SQ-F ea: SQ-F SQ-F

09/27/2012	0.20	OZ	Bti granular-VectoBac G	40.00	SQ-F
06/29/2012	6.00	OZ	Bti granular-VectoBac G	600.00	SQ-F
05/14/2012	7.00	EA	Altosid briq. XR	700.00	SQ-F
Record: VS00 Site Description Assigned To: Activity Date:	EE000		COURT & PLAYER DR. AREA-EAST-BEHIN OOL/POND/DITCH BENDER	ID HOUSE Treatment Are	a:
05/04/2012	1.10	LB	Bti granular-VectoBac G	4,400.00	SQ-F
Record: VS00 Site Description Assigned To:	: SN	-	RUCKEE RIVER EAST SIDE DOL MARSH MEADOW POND BENDER		
Activity Date:	Tre	atment:		Treatment Are	a:
05/23/2012	10.00	OZ	Bti granular-VectoBac G	5,000.00	SQ-F
06/22/2012	0.50	OZ	GB1111	20.00	SQ-F
07/17/2012	3.00	OZ	Bti granular-VectoBac G	900.00	SQ-F
07/17/2012	0.50	OZ	GB1111	25.00	SQ-F
07/17/2012 Record: VS00 Site Description Assigned To:	000155 i: SN	UPPER TF	RUCKEE RIVER WEST SIDE DOLS POND MARSH MEADOW B.M.P	25.00	SQ-F
Record: VS00 Site Description	000155 1: SN EE000	UPPER TF OW MELT PC	RUCKEE RIVER WEST SIDE DOLS POND MARSH MEADOW B.M.P	25.00 Treatment Are	
Record: VS00 Site Description Assigned To:	000155 1: SN EE000	UPPER TF OW MELT PC 0084 - KAREN	RUCKEE RIVER WEST SIDE DOLS POND MARSH MEADOW B.M.P		
Record: VS00 Site Description Assigned To: Activity Date:	000155 a: SN EE000 Tre	UPPER TF OW MELT PC 0084 - KAREN eatment:	RUCKEE RIVER WEST SIDE DOLS POND MARSH MEADOW B.M.P BENDER	Treatment Are	a:
Record: VS00 Site Description Assigned To: Activity Date: 07/17/2012	2000155 I: SN EE000 Tre 2.10	UPPER TF OW MELT PC 0084 - KAREN eatment: OZ	RUCKEE RIVER WEST SIDE DOLS POND MARSH MEADOW B.M.P BENDER Bti granular-VectoBac G	Treatment Are 750.00	a: SQ-F
Record: VS00 Site Description Assigned To: Activity Date: 07/17/2012 06/22/2012	000155 I: SN EE000 Tre 2.10 0.25	UPPER TF OW MELT PC 0084 - KAREN eatment: OZ OZ	RUCKEE RIVER WEST SIDE DOLS POND MARSH MEADOW B.M.P BENDER Bti granular-VectoBac G Bti granular-VectoBac G	Treatment Are 750.00 100.00	a : SQ-F SQ-F
Record: VS00 Site Description Assigned To: Activity Date: 07/17/2012 06/22/2012 05/24/2012	000155 :: SN EE000 Tre 2.10 0.25 1.00 5.00 000156 :: B.N	UPPER TF OW MELT PC 0084 - KAREN eatment: OZ OZ LB EA AIRPORT	RUCKEE RIVER WEST SIDE DOLS POND MARSH MEADOW B.M.P BENDER Bti granular-VectoBac G Bti granular-VectoBac G Bti granular-VectoBac G Altosid briq. 30 day RUNWAY ELT DITCH POOL POND MEADOW	Treatment Are 750.00 100.00 0.25	a: SQ-F SQ-F AC
Record: VS00 Site Description Assigned To: Activity Date: 07/17/2012 06/22/2012 05/24/2012 05/24/2012 Record: VS00 Site Description	2000155 :: SN EE000 Tre 2.10 0.25 1.00 5.00 2000156 :: B.N EE000	UPPER TF OW MELT PC 0084 - KAREN eatment: OZ OZ LB EA AIRPORT <i>I</i> .P SNOW M	RUCKEE RIVER WEST SIDE DOLS POND MARSH MEADOW B.M.P BENDER Bti granular-VectoBac G Bti granular-VectoBac G Bti granular-VectoBac G Altosid briq. 30 day RUNWAY ELT DITCH POOL POND MEADOW	Treatment Are 750.00 100.00 0.25	a: SQ-F SQ-F AC SQ-F
Record: VS00 Site Description Assigned To: Activity Date: 07/17/2012 06/22/2012 05/24/2012 05/24/2012 Record: VS00 Site Description Assigned To:	2000155 :: SN EE000 Tre 2.10 0.25 1.00 5.00 2000156 :: B.N EE000	UPPER TF OW MELT PC 0084 - KAREN eatment: OZ OZ LB EA AIRPORT A.P SNOW M 0084 - KAREN	RUCKEE RIVER WEST SIDE DOLS POND MARSH MEADOW B.M.P BENDER Bti granular-VectoBac G Bti granular-VectoBac G Bti granular-VectoBac G Altosid briq. 30 day RUNWAY ELT DITCH POOL POND MEADOW	Treatment Are 750.00 100.00 0.25 400.00	a: SQ-F SQ-F AC SQ-F
Record: VS00 Site Description Assigned To: Activity Date: 07/17/2012 06/22/2012 05/24/2012 05/24/2012 Record: VS00 Site Description Assigned To: Activity Date:	2000155 :: SN EE0000 Tre 2.10 0.25 1.00 5.00 2000156 :: B.N EE0000 Tre	UPPER TF OW MELT PC 0084 - KAREN eatment: OZ OZ LB EA AIRPORT A.P SNOW M 0084 - KAREN eatment:	RUCKEE RIVER WEST SIDE DOLS POND MARSH MEADOW B.M.P BENDER Bti granular-VectoBac G Bti granular-VectoBac G Bti granular-VectoBac G Altosid briq. 30 day RUNWAY ELT DITCH POOL POND MEADOW BENDER	Treatment Are 750.00 100.00 0.25 400.00 Treatment Are	a: <u>SQ-F</u> <u>AC</u> <u>SQ-F</u> a:
Record: VS00 Site Description Assigned To: Activity Date: 07/17/2012 06/22/2012 05/24/2012 05/24/2012 Record: VS00 Site Description Assigned To: Activity Date: 06/20/2012	2000155 :: SN EE0000 Tre 2.10 0.25 1.00 5.00 2000156 :: B.N EE0000 Tre 8.00	UPPER TF OW MELT PC 0084 - KAREN eatment: OZ OZ LB EA AIRPORT A.P SNOW M 0084 - KAREN eatment: OZ OZ	RUCKEE RIVER WEST SIDE DOLS POND MARSH MEADOW B.M.P BENDER Bti granular-VectoBac G Bti granular-VectoBac G Bti granular-VectoBac G Altosid briq. 30 day RUNWAY ELT DITCH POOL POND MEADOW BENDER GB1111	Treatment Are 750.00 100.00 0.25 400.00 Treatment Are 600.00	a: <u>SQ-F</u> <u>SQ-F</u> <u>AC</u> <u>SQ-F</u> a: <u>SQ-F</u>

Assigned To:	EE000				
Activity Date	: Tre	eatment:		Treatment Are	ea:
08/08/2012	2.50	OZ	Bti granular-VectoBac G	1,060.00	SQ-F
Record: VS(Site Descriptic Assigned To:	n: SN	OW MELT	VE BETWEEN WILLIAM & CHRIS DRAIN TO POOLS POND DITCHES MEADOW MARSH EN BENDER	-	
Activity Date	ea:				
06/18/2012	0.25	OZ	Bti granular-VectoBac G	100.00	SQ-F
Record: VS(Site Descriptic Assigned To:	n: SN	OWMELT	AT ONEIDAS POOL @ DRAINAGE DITCH POOLS EN BENDER		
Activity Date	: Tre	eatment:		Treatment Are	ea:
	: Tre 0.50	eatment: OZ	Vectomax CG	200.00	SQ-F
04/20/2012			Vectomax CG Altosid briq. 30 day		
04/20/2012 04/20/2012 Record: VS(Site Descriptic Assigned To:	0.50 2.00 0000164 on: SN EE000	OZ EA ZAPOT OWMELT		200.00	SQ-F SQ-F
04/20/2012 04/20/2012 Record: VS(Site Descriptic Assigned To: Activity Date	0.50 2.00 0000164 on: SN EE000 : Tre	OZ EA ZAPOT OWMELT 0084 - KAR eatment:	Altosid briq. 30 day EC DR. DRAINAGE ALONG SO. SIDE TO WI POOLS MARSH MEADOW EN BENDER	200.00 200.00 EST Treatment Are	SQ-F SQ-F
04/20/2012 04/20/2012 Record: VSC Site Descriptic Assigned To: Activity Date	0.50 2.00 0000164 on: SN EE000	OZ EA ZAPOT OWMELT 0084 - KAR	Altosid briq. 30 day EC DR. DRAINAGE ALONG SO. SIDE TO WI POOLS MARSH MEADOW	200.00 200.00 EST	SQ-F SQ-F
Activity Date 04/20/2012 04/20/2012 Record: VS(Site Descriptic Assigned To: Activity Date 05/18/2012 Record: VS(Site Descriptic Assigned To: Activity Date	0.50 2.00 0000164 m: SN EE000 : Tre 0.50 4.00 0000165 m: SN EE000	OZ EA ZAPOT OWMELT 0084 - KAR eatment: OZ EA END OF OWMELT	Altosid briq. 30 day EC DR. DRAINAGE ALONG SO. SIDE TO WI POOLS MARSH MEADOW EN BENDER Bti granular-VectoBac G	200.00 200.00 EST Treatment Are 200.00 200.00	SQ-F SQ-F sa: SQ-F SQ-F
04/20/2012 04/20/2012 Record: VS(Site Description Assigned To: Activity Date 05/18/2012 05/18/2012 Record: VS(Site Description Assigned To: Activity Date	0.50 2.00 0000164 0n: SN EE000 30000165 0n: SN EE000 50n: SN	OZ EA ZAPOT OWMELT 0084 - KAR eatment: OZ EA END OI OWMELT 0084 - KAR eatment:	Altosid briq. 30 day EC DR. DRAINAGE ALONG SO. SIDE TO WI POOLS MARSH MEADOW EN BENDER Bti granular-VectoBac G Altosid briq. 30 day F ZAPOTEC ALONG DRAIN TO SAXON CRK POOLS MARSH MEADOW EN BENDER	200.00 200.00 EST Treatment Are 200.00 200.00	SQ-F SQ-F 9a: SQ-F SQ-F SQ-F
04/20/2012 04/20/2012 Record: VSC Site Descriptic Assigned To: Activity Date 05/18/2012 05/18/2012 Record: VSC Site Descriptic Assigned To:	0.50 2.00 0000164 m: SN EE000 : Tre 0.50 4.00 0000165 m: SN EE000	OZ EA ZAPOT OWMELT 0084 - KAR eatment: OZ EA END OI OWMELT 0084 - KAR eatment:	Altosid briq. 30 day EC DR. DRAINAGE ALONG SO. SIDE TO WI POOLS MARSH MEADOW EN BENDER Bti granular-VectoBac G Altosid briq. 30 day F ZAPOTEC ALONG DRAIN TO SAXON CRK POOLS MARSH MEADOW	200.00 200.00 EST Treatment Are 200.00 200.00	SQ-F SQ-F sa: SQ-F SQ-F

Record: VS0000166 ATROARI ST. BETWEEN ABACO @ MANDAN Site Description: SNOWMELT POOLS Assigned To: EE0000084 - KAREN BENDER

Activity Date: Treatment:

07/24/2012	1.00	OZ	Bti granular-VectoBac G	300.00	SQ-F
07/13/2012	2.00	OZ	Bti granular-VectoBac G	700.00	SQ-F
04/20/2012	7.00	EA	Altosid briq. XR	700.00	SQ-F
Record: VS0 Site Description Assigned To:	n: SN	IOWMEL	DAN ST. @ERIE CIR. DRAIN DITCH BET\ T DITCH AREN BENDER	WEEN	
Activity Date:	Tre	eatment:		Treatment Are	a:
05/03/2012	0.18	ΟZ	Bti granular-VectoBac G	100.00	SQ-F
07/24/2012	0.50	ΟZ	Bti granular-VectoBac G	200.00	SQ-F
07/06/2012	4.00	ΟZ	Bti granular-VectoBac G	1,200.00	SQ-F
08/08/2012	0.25	ΟZ	Bti granular-VectoBac G	75.00	SQ-F
08/24/2012	0.10	ΟZ	Bti granular-VectoBac G	25.00	SQ-F
05/03/2012	1.00	ΟZ		25.00	SQ-F
50/00/2012	1.00	02	Bti granular-VectoBac G	20.00	
Site Description		ТСН	NEY WAY - DRAINAGE DITCHES		
Assigned To:			AREN BENDER	_	
Activity Date:	Tre	eatment:		Treatment Are	a:
05/29/2012	2.00	EA	Altosid briq. XR	200.00	SQFT
Record: VS0 Site Description Assigned To: Activity Date:	n: SN EE000	IOW MEI	ICAN DRRAVINE ON SOUTH SIDE LT/POOL AREN BENDER	Treatment Are	ea:
04/19/2012	4 00	F۵	Altosid brig XR	400.00	SO-F
04/19/2012	4.00	EA	Altosid briq. XR	400.00	SQ-F
Record: VS0 Site Description Assigned To:		IOW MEI	A CIR DRAINAGE DITCH ON EAST SID LT/DITCH AREN BENDER	E	
Activity Date:	Tre	eatment:		Treatment Are	ea:
		_			

08/07/2012 0.25 OZ GB1111

20.00 SQ-F

Record:VS0000176Duck Pond Behind 1804 Apache to 1540 Zapotec DrSite Description:SNOW MELT/PONDAssigned To:EE0000084 - KAREN BENDER

Activity Date:	Treatment:		Treatment Are	a:				
08/07/2012	1.50 OZ	GB1111	120.00	SQ-F				
Record: VS0000179 HWY 50 NEAR THUNDERBIRD DR. DRAIN DITCH Site Description: SNOWMELT DITCH Assigned To: EE0000084 - KAREN BENDER Activity Date: Treatment: Treatment Area:								
Activity Date:	Treatment:		Treatment Are	a:				
05/29/2012	2.00 EA	Altosid briq. 30 day	100.00	SQ-F				
Record: VS0000180 HWY 50 @ ELKS CLUB DR. TO THUNDERBIRD DR. POOLS Site Description: SNOWMELT DITCH Assigned To: EE0000084 - KAREN BENDER								
Activity Date:	Treatment:		Treatment Are	a:				
05/03/2012	1.50 OZ	Bti granular-VectoBac G	200.00	SQ-F				
Record: VS00 Site Description: Assigned To:			NAGE					
Activity Date:	Treatment:		Treatment Are	a:				
04/19/2012	20.00 EA	Altosid briq. 30 day	2,000.00	SQ-F				
Record: VS0000185 USFS RD.12N01 TO FOUNTAIN PL.SAXON CRK. UPSTREAM Site Description: SNOWMELT POOLS Assigned To: EE0000084 - KAREN BENDER								
Activity Date:	Treatment:		Treatment Are	a:				
06/14/2012	3.00 OZ	GB1111	250.00	SQFT				
06/14/2012	5.00 EA	Altosid briq. 30 day	150.00	SQFT				
09/21/2012	0.25 OZ	GB1111	20.00	SQ-F				
Record: VS0000187 SUT RD. ES. ECHO CRK. DRAINAGE Site Description: SNOWMELT DITCH Assigned To: EE0000084 - KAREN BENDER								

Activity Date: Treatment:

Bti granular-VectoBac G

1,080.00 SQ-F

Record: VS0000188 SUT RD. ES. FROM OLD RAINBOW BR. TO KATA CT. Site Description: SNOWMELT POOLS Assigned To: EE0000084 - KAREN BENDER

Activity Date: Treatment:

Treatment Area:

Treatment Area:

06/19/2012	2.00	ΟZ	Bti granular-VectoBac G	1,000.00	SQFT
07/12/2012	6.00	EA	Altosid briq. 30 day	600.00	SQ-F
07/12/2012	5.60	ΟZ	Bti granular-VectoBac G	3,050.00	SQ-F
05/30/2012	2.00	LB	Bti granular-VectoBac G	0.40	AC

Record: VS0000189 SUT RD. ES. FROM KATA CT.TO LOT 2287 RAILRD TRACK Site Description: SNOWMELT POOLS MARSH Assigned To: EE0000084 - KAREN BENDER

Activity Date: Treatment:

Bti granular-VectoBac G 0.40 AC 05/31/2012 2.00 LB 07/16/2012 0.50 Bti granular-VectoBac G 0.10 AC LB 08/03/2012 3.00 ΟZ Bti granular-VectoBac G 1,620.00 SQ-F ΟZ 06/19/2012 1.00 Bti granular-VectoBac G 500.00 SQFT 06/21/2012 4.00 ΟZ Bti granular-VectoBac G 2,000.00 SQFT AC 08/24/2012 4.00 LB Bti granular-VectoBac G 0.80

Record: VS0000190 SUT RD. ES. FROM LOT 2887 TO EGRET WAY USFS Site Description: SNOW MELT POOLS, MARSH, MEADOW TO RIVER, SINK HOLES Assigned To: EE0000084 - KAREN BENDER

Activity Date: Treatment:

Treatment Area:

07/12/2012	1.00 EA	Altosid briq. XR	100.00	SQ-F
07/12/2012	5.00 EA	Altosid briq. 30 day	500.00	SQ-F
07/12/2012	5.60 OZ	Bti granular-VectoBac G	3,050.00	SQ-F
05/07/2012	2.00 LB	Vectomax CG	0.40	AC
05/01/2012	1.00 LB	Vectomax CG	0.20	AC

 Record:
 VS0000191
 EGRET WAY DRAINAGE TO UT RIVER

 Site Description:
 SNOWMELT POOLS MARSH MEADOW

 Assigned To:
 EE0000084 - KAREN BENDER

Activity Date: Treatment:

05/07/2012	0.50	LB	Vectomax CG	0.10	AC
05/07/2012	5.00	EA	Altosid briq. 30 day	500.00	SQ-F

07/24/2012	7.00	EA	Altosid briq. 30 day	700.00	SQ-F
07/24/2012	4.00	OZ	Bti granular-VectoBac G	2,160.00	SQ-F
09/21/2012	4.00	OZ	Bti granular-VectoBac G	2,160.00	SQ-F
Record: VS0 Site Description Assigned To:	-	EGRET W IOWMELT PC 10084 - KAREN			
Activity Date:	Tre	eatment:		Treatment Are	a:
09/06/2012	0.50	LB	Bti granular-VectoBac G	4,320.00	SQ-F
08/20/2012	4.00	OZ	Bti granular-VectoBac G	2,160.00	SQ-F
Record: VS0 Site Description Assigned To:	n: SN	OLD RIVE IOWMELT PC 10084 - KAREN		WD CHUCK CT	
Activity Date:	Tre	eatment:		Treatment Are	a:
08/20/2012	4.00	OZ	Bti granular-VectoBac G	2,160.00	SQ-F
Record: VS0 Site Description Assigned To:	n: SN		AST BETWEEN LOT 65 @ PORTAL RD OOLS MARSH BENDER		
Activity Date:	Tre	eatment:		Treatment Are	a:
-		eatment:			
08/20/2012	10.00	eatment:	Bti granular-VectoBac G	5,400.00	SQ-F
08/20/2012 09/14/2012	10.00 1.00	oz LB	Bti granular-VectoBac G Bti granular-VectoBac G	5,400.00 0.20	SQ-F AC
08/20/2012 09/14/2012 07/20/2012	10.00 1.00 7.00	eatment:) OZ LB EA	Bti granular-VectoBac G Bti granular-VectoBac G Altosid briq. XR	5,400.00 0.20 700.00	SQ-F AC SQ-F
08/20/2012 09/14/2012	10.00 1.00	oz LB	Bti granular-VectoBac G Bti granular-VectoBac G	5,400.00 0.20	SQ-F AC
08/20/2012 09/14/2012 07/20/2012	10.00 1.00 7.00 3.00 000195 1: SN	eatment: OZ LB EA OZ	Bti granular-VectoBac G Bti granular-VectoBac G Altosid briq. XR Bti granular-VectoBac G ER PARK DR. RIVER OVERFLOW @ISLA	5,400.00 0.20 700.00 1,620.00	SQ-F AC SQ-F
08/20/2012 09/14/2012 07/20/2012 07/20/2012 Record: VS0 Site Description	10.00 1.00 7.00 3.00 000195 n: SN EE000	eatment: 0 OZ LB EA OZ EAST RIV	Bti granular-VectoBac G Bti granular-VectoBac G Altosid briq. XR Bti granular-VectoBac G ER PARK DR. RIVER OVERFLOW @ISLA	5,400.00 0.20 700.00 1,620.00	SQ-F AC SQ-F SQ-F
08/20/2012 09/14/2012 07/20/2012 07/20/2012 Record: VS0 Site Description Assigned To:	10.00 1.00 7.00 3.00 000195 n: SN EE000	EAST RIV	Bti granular-VectoBac G Bti granular-VectoBac G Altosid briq. XR Bti granular-VectoBac G ER PARK DR. RIVER OVERFLOW @ISLA	5,400.00 0.20 700.00 1,620.00 ND	SQ-F AC SQ-F SQ-F
08/20/2012 09/14/2012 07/20/2012 07/20/2012 Record: VS0 Site Description Assigned To:	10.00 1.00 7.00 3.00 000195 n: SN EE000	EAST RIV	Bti granular-VectoBac G Bti granular-VectoBac G Altosid briq. XR Bti granular-VectoBac G ER PARK DR. RIVER OVERFLOW @ISLA	5,400.00 0.20 700.00 1,620.00 ND	SQ-F AC SQ-F SQ-F
08/20/2012 09/14/2012 07/20/2012 07/20/2012 Record: VS0 Site Description Assigned To: Activity Date:	10.00 1.00 7.00 3.00 000195 n: SN EE000 Tre	eatment: OZ LB EA OZ EAST RIV IOWMELT PC 10084 - KAREN Eatment:	Bti granular-VectoBac G Bti granular-VectoBac G Altosid briq. XR Bti granular-VectoBac G ER PARK DR. RIVER OVERFLOW @ISLA OOLS BENDER	5,400.00 0.20 700.00 1,620.00 ND	SQ-F AC SQ-F SQ-F
08/20/2012 09/14/2012 07/20/2012 07/20/2012 Record: VS0 Site Description Assigned To: Activity Date: 07/20/2012	10.00 1.00 7.00 3.00 000195 1: SN EE000 Tre 2.00	eatment: 0 OZ LB EA OZ EAST RIV IOWMELT PC 10084 - KAREN EA EA	Bti granular-VectoBac G Bti granular-VectoBac G Altosid briq. XR Bti granular-VectoBac G ER PARK DR. RIVER OVERFLOW @ISLA OOLS BENDER	5,400.00 0.20 700.00 1,620.00 ND Treatment Are 200.00	SQ-F AC SQ-F SQ-F a: SQ-F
08/20/2012 09/14/2012 07/20/2012 07/20/2012 Record: VS0 Site Description Assigned To: Activity Date: 07/20/2012 07/20/2012	10.00 1.00 7.00 3.00 000195 n: SN EE000 Tre 2.00 5.00	eatment: 0 OZ LB EA OZ EAST RIV IOWMELT PC 10084 - KAREN catment: EA OZ	Bti granular-VectoBac G Bti granular-VectoBac G Altosid briq. XR Bti granular-VectoBac G ER PARK DR. RIVER OVERFLOW @ISLA OOLS BENDER Altosid briq. XR Bti granular-VectoBac G	5,400.00 0.20 700.00 1,620.00 ND Treatment Are 200.00 2,700.00	SQ-F AC SQ-F SQ-F a: SQ-F SQ-F SQ-F
08/20/2012 09/14/2012 07/20/2012 07/20/2012 Record: VS0 Site Description Assigned To: Activity Date: 07/20/2012 07/20/2012 07/06/2012	10.00 1.00 7.00 3.00 000195 n: SN EE000 Tre 2.00 5.00 3.00	eatment: O OZ LB EA OZ EAST RIV IOWMELT PC 0084 - KAREN eatment: EA OZ OZ	Bti granular-VectoBac G Bti granular-VectoBac G Altosid briq. XR Bti granular-VectoBac G ER PARK DR. RIVER OVERFLOW @ISLA OOLS BENDER Altosid briq. XR Bti granular-VectoBac G	5,400.00 0.20 700.00 1,620.00 ND Treatment Are 200.00 2,700.00 1,620.00	SQ-F AC SQ-F SQ-F SQ-F SQ-F SQ-F SQ-F SQ-F SQ-F SQ-F
08/20/2012 09/14/2012 07/20/2012 07/20/2012 Record: VS0 Site Description Assigned To: Activity Date: 07/20/2012 07/20/2012 07/06/2012 07/06/2012	10.00 1.00 7.00 3.00 000195 1: SN EE000 Tre 2.00 5.00 3.00 4.00	eatment: 0 OZ LB EA OZ EAST RIV IOWMELT PC 10084 - KAREN EA OZ OZ OZ EA	Bti granular-VectoBac G Bti granular-VectoBac G Altosid briq. XR Bti granular-VectoBac G ER PARK DR. RIVER OVERFLOW @ISLA DOLS BENDER Altosid briq. XR Bti granular-VectoBac G Bti granular-VectoBac G Altosid briq. XR Bti granular-VectoBac G Altosid briq. XR Bti granular-VectoBac G Altosid briq. 30 day	5,400.00 0.20 700.00 1,620.00 ND Treatment Are 200.00 2,700.00 1,620.00 400.00	SQ-F AC SQ-F
08/20/2012 09/14/2012 07/20/2012 07/20/2012 Record: VS0 Site Description Assigned To: Activity Date: 07/20/2012 07/20/2012 07/06/2012 07/06/2012 05/08/2012	10.00 1.00 7.00 3.00 000195 1: SN EE000 Tre 2.00 5.00 3.00 4.00 9.00	eatment: 0 OZ LB EA OZ EAST RIV IOWMELT PC 10084 - KAREN eatment: EA OZ OZ EA EA EA	Bti granular-VectoBac G Bti granular-VectoBac G Altosid briq. XR Bti granular-VectoBac G ER PARK DR. RIVER OVERFLOW @ISLA OOLS BENDER Altosid briq. XR Bti granular-VectoBac G Altosid briq. XR Altosid briq. XR Bti granular-VectoBac G Bti granular-VectoBac G Altosid briq. 30 day Altosid briq. XR	5,400.00 0.20 700.00 1,620.00 ND Treatment Are 200.00 2,700.00 1,620.00 400.00 900.00	SQ-F AC SQ-F
08/20/2012 09/14/2012 07/20/2012 07/20/2012 Record: VS0 Site Description Assigned To: Activity Date: 07/20/2012 07/20/2012 07/06/2012 07/06/2012 05/08/2012	10.00 1.00 7.00 3.00 000195 SN EE000 Tre 2.00 5.00 3.00 4.00 9.00 0.50	eatment: OZ LB EA OZ EAST RIV IOWMELT PC 10084 - KAREN EA OZ OZ EA EA OZ OZ EA EA	Bti granular-VectoBac G Bti granular-VectoBac G Altosid briq. XR Bti granular-VectoBac G ER PARK DR. RIVER OVERFLOW @ISLA OOLS BENDER Altosid briq. XR Bti granular-VectoBac G Altosid briq. XR Bti granular-VectoBac G Altosid briq. XR Altosid briq. 30 day Altosid briq. XR Vectomax CG	5,400.00 0.20 700.00 1,620.00 ND Treatment Are 200.00 2,700.00 1,620.00 400.00 900.00 0.10	SQ-F AC SQ-F SQ-F

Record:VS0000197MORTON ST. ES. POOLS @DRAINAGES TO UT RIVERSite Description:SNOWMELT POOLS, BEAVER PONDS, RIVER MARGINAssigned To:EE0000084 - KAREN BENDER

Activity Date:	ate: Treatment:			Treatment Are	ea:
08/17/2012	1.50	LB	Bti granular-VectoBac G	0.30	AC
07/06/2012	0.50	OZ	Bti granular-VectoBac G	270.00	SQ-F
Record: VS0000199 SUT RD. Site Description: SNOWMELT Perspective Assigned To: EE0000084 - KARE! Activity Date: Treatment:			POOLS MARSH MEADOW EN BENDER	Treatment Are	a:
06/20/2012	1.00	OZ	Bti granular-VectoBac G	500.00	SQFT
07/24/2012	3.00	OZ	Bti granular-VectoBac G	1,620.00	SQ-F
07/13/2012	6.00	EA	Altosid briq. XR	600.00	SQ-F
07/13/2012	19.00	EA	Altosid brig. 30 day	1,900.00	SQ-F

07/24/2012	3.00	02	Bti granular-vectoBac G	1,620.00	SQ-F
07/13/2012	6.00	EA	Altosid briq. XR	600.00	SQ-F
07/13/2012	19.00	EA	Altosid briq. 30 day	1,900.00	SQ-F
07/13/2012	0.50	LB	Vectomax CG	0.10	AC
07/13/2012	0.75	LB	Bti granular-VectoBac G	0.15	AC
07/27/2012	1.00	LB	Bti granular-VectoBac G	0.20	AC
07/30/2012	1.00	LB	Bti granular-VectoBac G	0.20	AC
05/08/2012	5.00	LB	Vectomax CG	1.00	AC
05/03/2012	20.00	EA	Altosid briq. XR	2,000.00	SQ-F
05/03/2012	60.00	EA	Altosid briq. 30 day	6,000.00	SQ-F
08/16/2012	0.50	LB	Bti granular-VectoBac G	0.10	AC
08/10/2012	1.00	LB	Bti granular-VectoBac G	0.10	AC
09/25/2012	2.00	LB	Bti granular-VectoBac G	17,500.00	SQ-F
09/14/2012	0.50	LB	Bti granular-VectoBac G	0.10	AC
09/04/2012	0.50	LB	Bti granular-VectoBac G	0.10	AC
09/26/2012	8.00	LB	Bti granular-VectoBac G	1.60	AC

 Record:
 VS0000200
 SUT RD. ES. FROM BENWOOD CRK TO UTR BRIDGE

 Site Description:
 SNOWMELT POOLS MEADOW

 Assigned To:
 EE0000084 - KAREN BENDER

Activity Date: Treatment:

08/31/2012	3.00 LB	Bti granular-VectoBac G	0.60	AC
09/20/2012	1.00 OZ	Bti granular-VectoBac G	500.00	SQ-F
08/10/2012	2.00 LB	Bti granular-VectoBac G	0.40	AC
08/15/2012	6.00 OZ	Bti granular-VectoBac G	3,240.00	SQFT
06/08/2012	0.50 LB	Bti granular-VectoBac G	1.00	AC
07/30/2012	1.00 LB	Bti granular-VectoBac G	0.20	AC

07/11/2012	23.00) EA	Altosid briq. 30 day	2,300.00	SQ-F		
07/11/2012	1.50	LB	Bti granular-VectoBac G	0.50	AC		
07/24/2012	5.00	OZ	Bti granular-VectoBac G	2,700.00	SQ-F		
07/24/2012	4.00	EA	Altosid briq. 30 day	400.00	SQ-F		
Record: VS00 Site Description Assigned To: Activity Date:	n: SN EE000	NAHANE IOWMELT P(10084 - KAREN Patment:		Treatment Are	ea:		
07/06/2012	0.50	OZ	Bti granular-VectoBac G	240.00	SQ-F		
Record: VS00 Site Description Assigned To: Activity Date:	EE000		HANE INTO CELIO RANCH SO. PAST FEN DOLS MEADOW I BENDER	NCE Treatment Are	ea:		
06/11/2012	2.00	OZ	Bti granular-VectoBac G	1,000.00	SQ-F		
05/09/2012	8.00	LB	Bti granular-VectoBac G	1.50	AC		
05/03/2012	2.00	LB	Vectomax CG	0.40	AC		
04/30/2012	3.00	LB	Vectomax CG	0.60	AC		
Record: VS00 Site Description Assigned To: Activity Date:	n: SN EE000	YOKUT S IOWMELT PC 10084 - KAREN eatment:		Treatment Are	ea:		
06/11/2012	1.00	OZ	Bti granular-VectoBac G	500.00	SQ-F		
05/29/2012	1.00	OZ	Vectomax CG	500.00	SQ-F		
06/22/2012	0.25	OZ	Bti granular-VectoBac G	100.00	SQFT		
Record: VS0000215 SUT RD. FROM NAHANE TO SO. END OF CELIO RANCH Site Description: SNOW MELT POOLS MEADOW Assigned To: EE0000084 - KAREN BENDER Activity Date: Treatment: Treatment Area:							
05/31/2012	3.00	LB	Bti granular-VectoBac G	0.60	AC		
05/08/2012		LB	Vectomax CG	1.00	AC		
Record: VS00 Site Description Assigned To:	n: SN		WS. USFS TRACT FROM LOT 1 TO LOT 1 DOLS MEADOW	6			

Activity Date: Treatment:

06/01/2012	1.00	LB	Bti granular-VectoBac G	0.20	AC	
06/11/2012	0.50	LB	Bti granular-VectoBac G	0.10	AC	
05/09/2012	5.00	LB	Bti granular-VectoBac G	1.00	AC	
06/22/2012	2.00	LB	Bti granular-VectoBac G	0.40	AC	
07/06/2012	0.50	ΟZ	Bti granular-VectoBac G	250.00	SQ-F	

Record:VS0000220SUT RD. WS. FROM BENWOOD CRK LOT 53 TO TR BRIDGESite Description:SNOWMELT POOLS, MEADOW, RIVER CHANNELSAssigned To:EE0000084 - KAREN BENDER

Activity Date:	Treatment:		Treatment Are	Treatment Area:		
09/13/2012	0.50 LB	Bti granular-VectoBac G	0.10	AC		
08/30/2012	2.50 LB	Bti granular-VectoBac G	0.50	AC		

Record: VS0000221 UT RIVER ES FROM HWY 50 TO OLD RAINBOW BRIDGE Site Description: SNOWMELT POOLS MARSH Assigned To: EE0000084 - KAREN BENDER

Activity	Date:	Treatment:

09/21/2012	1.00 OZ	Bti granular-VectoBac G	540.00	SQ-F
08/28/2012	2.00 OZ	Bti granular-VectoBac G	1,080.00	SQ-F
06/29/2012	1.50 LB	Bti granular-VectoBac G	0.30	AC
07/16/2012	0.50 LB	Bti granular-VectoBac G	0.10	AC
07/13/2012	3.00 OZ	Vectomax CG	1,620.00	SQ-F
08/06/2012	2.00 LB	Bti granular-VectoBac G	0.40	AC
07/25/2012	1.50 LB	Bti granular-VectoBac G	0.30	AC

Treatment Area:

 Record:
 VS0000222
 UT RIVER ES. FROM OLD RAINBOW BRIDGE TO HAN ST

 Site Description:
 SNOWMELT POOLS MARSH

 Assigned To:
 EE0000084 - KAREN BENDER

Activity Date:	Treatment:		Treatment Area:			
07/25/2012	1.00	OZ	Bti granular-VectoBac G	540.00	SQ-F	
08/03/2012	4.00	OZ	Bti granular-VectoBac G	2,160.00	SQ-F	
07/13/2012	5.00	OZ	Vectomax CG	2,700.00	SQ-F	
07/13/2012	1.00	OZ	Bti granular-VectoBac G	540.00	SQ-F	
07/24/2012	0.50	LB	Bti granular-VectoBac G	0.10	AC	
07/24/2012	1.00	EA	Altosid briq. 30 day	100.00	SQ-F	
06/29/2012	4.00	OZ	Bti granular-VectoBac G	2,160.00	SQ-F	
06/21/2012	4.00	OZ	Bti granular-VectoBac G	2,000.00	SQFT	
05/29/2012	2.00	OZ	Vectomax CG	1,000.00	SQ-F	

08/27/2012	3.00 OZ	Bti granular-VectoBac G	1,500.00 SQ-F
10/03/2012	0.25 OZ	Vectomax CG	125.00 SQ-F

Record:VS0000223HAN ST. DRAINAGE @ OVERFLOWSite Description:SNOWMELT POOLS MARSHAssigned To:EE0000084 - KAREN BENDER

Activity Date: Treatment:

Treatment Area:

Treatment Area:

04/30/2012	20.00 EA	Altosid briq. XR	2,000.00	SQ-F
05/23/2012	1.50 LB	Vectomax CG	0.30	AC
05/23/2012	1.00 LB	Bti granular-VectoBac G	0.20	AC
05/24/2012	1.00 LB	Vectomax CG	0.20	AC
05/24/2012	0.50 OZ	Bti granular-VectoBac G	200.00	SQ-F
06/27/2012	2.00 OZ	Bti granular-VectoBac G	1,080.00	SQ-F

Record: VS0000224 BLITZEN RD. FROM HAN ST. TO LOT 16 DRG. @ OVERFLOW Site Description: SNOWMELT POOLS Assigned To: EE0000084 - KAREN BENDER

Activity Date: Treatment:

2,160.00 07/24/2012 4.00 ΟZ Bti granular-VectoBac G SQ-F 07/16/2012 4.00 ΟZ Bti granular-VectoBac G 2,160.00 SQ-F 08/03/2012 3.00 ΟZ Bti granular-VectoBac G 1,620.00 SQ-F 0.50 LB Vectomax CG 0.10 AC 05/24/2012 05/24/2012 1.00 ΟZ Bti granular-VectoBac G 500.00 SQ-F 08/27/2012 1.00 ΟZ Bti granular-VectoBac G 500.00 SQ-F 09/07/2012 3.00 ΟZ Bti granular-VectoBac G 1,620.00 SQ-F

Record: VS0000225 BLITZEN RD SWAMP @ OLD RIV. CHANNEL LOT 16 Site Description: SNOWMELT POOLS SWAMP Assigned To: EE0000084 - KAREN BENDER

Activity Date:	Treatment:		Treatment Are	a:
09/24/2012	1.00 LB	Bti granular-VectoBac G	0.10	AC
05/24/2012	3.00 LB	Bti granular-VectoBac G	0.60	AC
05/01/2012	6.00 LB	Vectomax CG	1.20	AC
08/01/2012	2.00 OZ	Bti granular-VectoBac G	1,080.00	SQ-F
07/20/2012	5.00 OZ	Bti granular-VectoBac G	2,700.00	SQ-F

 Record:
 VS0000226
 BLITZEN RD SWAMP BEHIND LOT 2321

 Site Description:
 SNOWMELT SWAMP

 Assigned To:
 EE0000084 - KAREN BENDER

Activity Date: Treatment:

07/16/2012	4.00	EA	Altosid brig. XR	400.00	SQ-F
07/16/2012	2.00	OZ	Bti granular-VectoBac G	1,080.00	SQ-F
08/24/2012	1.00	LB	Bti granular-VectoBac G	0.20	AC
08/02/2012	7.00	LB	Bti granular-VectoBac G	1.40	AC
Record: VS00 Site Description Assigned To: Activity Date:	: SN		RIVER OVERFLOW -UTR 1/4 M S. OLS, RIVER MARGIN BENDER	Treatment Are	a:
05/01/2012	16.00	EA	Altosid briq. XR	1,600.00	SQ-F
Record: VS00 Site Description Assigned To: Activity Date:	: SN	GRASS LA OWMELT PO 0084 - KAREN atment:		Treatment Are	a:
05/02/2012	5.00	LB	Vectomax CG	1.00	AC
06/08/2012				1.00	AC
	6.00	EA	Altosid briq. XR	600.00	SQ-F
08/01/2012	6.00 0.50	EA LB			
08/01/2012			Altosid briq. XR	600.00	SQ-F
	0.50	LB LB	Altosid briq. XR Bti granular-VectoBac G	600.00 0.10	SQ-F AC
07/27/2012	0.50 0.50	LB LB	Altosid briq. XR Bti granular-VectoBac G Bti granular-VectoBac G	600.00 0.10 0.10	SQ-F AC AC
07/27/2012 07/18/2012	0.50 0.50 15.00	LB LB EA	Altosid briq. XR Bti granular-VectoBac G Bti granular-VectoBac G Altosid briq. 30 day	600.00 0.10 0.10 1,500.00	SQ-F AC AC SQ-F
07/27/2012 07/18/2012 07/18/2012	0.50 0.50 15.00 6.00	LB LB EA OZ OZ	Altosid briq. XR Bti granular-VectoBac G Bti granular-VectoBac G Altosid briq. 30 day Vectomax CG	600.00 0.10 0.10 1,500.00 3,240.00	SQ-F AC AC SQ-F SQ-F
07/27/2012 07/18/2012 07/18/2012 06/20/2012	0.50 0.50 15.00 6.00 2.00	LB LB EA OZ OZ EA	Altosid briq. XR Bti granular-VectoBac G Bti granular-VectoBac G Altosid briq. 30 day Vectomax CG Bti granular-VectoBac G	600.00 0.10 0.10 1,500.00 3,240.00 1,000.00	SQ-F AC AC SQ-F SQ-F SQFT
07/27/2012 07/18/2012 07/18/2012 06/20/2012 06/27/2012	0.50 0.50 15.00 6.00 2.00 11.00	LB LB EA OZ OZ EA	Altosid briq. XR Bti granular-VectoBac G Bti granular-VectoBac G Altosid briq. 30 day Vectomax CG Bti granular-VectoBac G Altosid briq. XR	600.00 0.10 0.10 1,500.00 3,240.00 1,000.00 1,100.00	SQ-F AC AC SQ-F SQ-F SQFT SQ-F
07/27/2012 07/18/2012 07/18/2012 06/20/2012 06/27/2012 06/27/2012	0.50 0.50 15.00 6.00 2.00 11.00 12.00	LB LB EA OZ OZ EA EA	Altosid briq. XR Bti granular-VectoBac G Bti granular-VectoBac G Altosid briq. 30 day Vectomax CG Bti granular-VectoBac G Altosid briq. XR Altosid briq. 30 day	600.00 0.10 0.10 1,500.00 3,240.00 1,000.00 1,100.00 1,200.00	SQ-F AC AC SQ-F SQ-F SQFT SQ-F SQ-F
07/27/2012 07/18/2012 07/18/2012 06/20/2012 06/27/2012 06/27/2012 06/27/2012	0.50 0.50 15.00 6.00 2.00 11.00 12.00 1.50	LB LB EA OZ OZ EA EA LB	Altosid briq. XR Bti granular-VectoBac G Bti granular-VectoBac G Altosid briq. 30 day Vectomax CG Bti granular-VectoBac G Altosid briq. XR Altosid briq. 30 day Bti granular-VectoBac G	600.00 0.10 0.10 1,500.00 3,240.00 1,000.00 1,100.00 1,200.00 0.30	SQ-F AC AC SQ-F SQ-F SQFT SQ-F SQ-F AC

Record: VS0000230 GRASS LAKE RD EAST SIDE TO TANK Site Description: SNOWMELT POOLS DITCH Assigned To: EE0000084 - KAREN BENDER

Activity Date: Treatment:

09/04/2012	0.50 OZ	Bti granular-VectoBac G	250.00	SQ-F
08/09/2012	1.00 OZ	Bti granular-VectoBac G	540.00	SQ-F
07/27/2012	1.00 EA	Altosid briq. XR	100.00	SQ-F
06/08/2012	1.00 OZ	Bti granular-VectoBac G	500.00	SQ-F
05/02/2012	2.00 LB	Vectomax CG	0.40	AC

Treatment:

Activity Date:

Record: VS0000233 BIG MEADOW CREEK TO UPPER TRUCKEE RD Site Description: SNOWMELT POOLS MEADOW Assigned To: EE0000084 - KAREN BENDER

07/30/2012	0.50	LB	Bti granular-VectoBac G	0.10	AC
07/24/2012	0.50	LB	Bti granular-VectoBac G	0.10	AC
07/24/2012	3.00	EA	Altosid briq. 30 day	300.00	SQ-F
06/25/2012	0.60	LB	Bti granular-VectoBac G	0.12	AC
06/25/2012	11.00	EA	Altosid briq. 30 day	1,100.00	SQ-F
08/10/2012	2.00	LB	Bti granular-VectoBac G	0.40	AC
Record: VS0 Site Description Assigned To: Activity Date:	EE000	OWMELT	VER ES FROM SUT RD TO USFS TRACT POOLS MEADOW REN BENDER	Treatment Are	ea:
07/00/0040	2.50	07	Pti grapular VoetoRao C	1,350.00	SQ-F
07/03/2012 Record: VS0 Site Description Assigned To:	000235 1: SN EE000	OWMELT	Bti granular-VectoBac G HOUSE MEADOW HWY 89 NE SIDE AT COO POOLS REN BENDER	KHOUSE RD	
Record: VS0 Site Descriptior Assigned To:	000235 1: SN EE000	COOK OWMELT	HOUSE MEADOW HWY 89 NE SIDE AT COO		
Record: VS0 Site Description Assigned To: Activity Date:	000235 1: SN EE000	COOK OWMELT 0084 - KAF	HOUSE MEADOW HWY 89 NE SIDE AT COO	KHOUSE RD	
Record: VS0 Site Description Assigned To: Activity Date: 06/19/2012	000235 n: SN EE000 Tre	COOK OWMELT 0084 - KAF atment:	HOUSE MEADOW HWY 89 NE SIDE AT COO POOLS REN BENDER	KHOUSE RD	ea:
Record: VS0 Site Description Assigned To: Activity Date: 06/19/2012 05/07/2012	000235 1: SN EE000 Tre 1.00	COOK OWMELT 0084 - KAF atment: OZ	HOUSE MEADOW HWY 89 NE SIDE AT COO POOLS REN BENDER GB1111	KHOUSE RD Treatment Are 150.00	ea: SQ-F
Record: VS0 Site Description Assigned To: Activity Date: 06/19/2012 05/07/2012 04/07/2012	000235 n: SN EE000 Tre <u>1.00</u> <u>3.00</u>	COOK OWMELT 0084 - KAF patment: OZ LB	HOUSE MEADOW HWY 89 NE SIDE AT COO POOLS REN BENDER GB1111 Bti granular-VectoBac G	KHOUSE RD Treatment Are 150.00 0.50	ea: SQ-F AC
Record: VS0 Site Description Assigned To: Activity Date: 06/19/2012 05/07/2012 04/07/2012 05/30/2012	000235 n: SN EE000 Tre 1.00 3.00 3.00	COOK OWMELT 0084 - KAF atment: OZ LB LB	HOUSE MEADOW HWY 89 NE SIDE AT COO POOLS REN BENDER GB1111 Bti granular-VectoBac G Bti granular-VectoBac G	KHOUSE RD Treatment Are 150.00 0.50 0.50	ea: SQ-F AC AC
Record: VS0 Site Description Assigned To: Activity Date: 06/19/2012 05/07/2012 04/07/2012 05/30/2012 08/21/2012	000235 n: SN EE000 Tre 1.00 3.00 3.00 1.00 8.00 000237 n: SN EE000	COOK OWMELT 0084 - KAF atment: OZ LB LB LB OZ OZ ECHO OWMELT	HOUSE MEADOW HWY 89 NE SIDE AT COO POOLS REN BENDER GB1111 Bti granular-VectoBac G Bti granular-VectoBac G Bti granular-VectoBac G	KHOUSE RD Treatment Are 150.00 0.50 0.50 0.20	sa: SQ-F AC AC AC SQ-F
Record: VS0 Site Description Assigned To: Activity Date: 06/19/2012 05/07/2012 04/07/2012 05/30/2012 08/21/2012 Record: VS0 Site Description Assigned To:	000235 n: SN EE000 Tre 1.00 3.00 3.00 1.00 8.00 000237 n: SN EE000	COOK OWMELT 0084 - KAF atment: OZ LB LB LB LB OZ ECHO OWMELT 0084 - KAF	HOUSE MEADOW HWY 89 NE SIDE AT COOR POOLS REN BENDER GB1111 Bti granular-VectoBac G Bti granular-VectoBac G Bti granular-VectoBac G Bti granular-VectoBac G IAKE RD. POOLS DITCH	KHOUSE RD Treatment Are 150.00 0.50 0.50 0.20 3,000.00	sa: SQ-F AC AC AC SQ-F

Site Description: SNOWMELT DITCH

Assigned To: EE0000084 - KAREN BENDER

Activity Date: Treatment:

07/20/2012	4.00	OZ	Bti granular-VectoBac G	2,160.00	SQ-F	
08/28/2012	0.50	OZ	Bti granular-VectoBac G	250.00	SQ-F	
Record: VS00 Site Description Assigned To: Activity Date:	EE000	LOWER IOWMELT P 0084 - KARE eatment:	Treatment Are	a:		
06/19/2012	0.50	LB	Bti granular-VectoBac G	0.10	AC	
Record: VS00 Site Description Assigned To:	: SN		UMMIT& SOURCES WEST POOLS, SEASONAL CREEKS IN BENDER			
Activity Date:	Tre	eatment:		Treatment Are	a:	
07/26/2012	3.00	OZ	Bti granular-VectoBac G	1,620.00	SQ-F	
08/08/2012	6.00	OZ	Bti granular-VectoBac G	3,240.00	SQ-F	
Record: VS00 Site Description Assigned To: Activity Date:	EE000		,SE SIDE,INDUSTRIAL-SAWMILL POND RSH ,MEADOW,POOL SNOW MELT IN BENDER	Treatment Are	a:	
08/30/2012	0.50	OZ	Bti granular-VectoBac G	250.00	SQ-F	
05/25/2012	0.20	OZ	Bti granular-VectoBac G	110.00	SQ-F	
04/20/2012	5.00	LB	Bti granular-VectoBac G	1.00	AC	
Record: VS0000246 LT BLVD,NW SIDE, HIGH SCHOOL TO TAHOE MT. Site Description: POND, DITCHES,MARSH,MEADOW,SNOW MELT POOL. Assigned To: EE0000084 - KAREN BENDER Activity Date: Treatment: Treatment Area:						
05/14/2012	4.00	EA	Altosid briq. XR	400.00	SQ-F	
06/14/2012	1.50	OZ	Bti granular-VectoBac G	810.00	SQFT	
07/09/2012	0.50	OZ	Bti granular-VectoBac G	270.00	SQ-F	
Record: VS00 Site Description Assigned To:	: DIT EE000	0084 - KARE	RSH,MEADOW,SNOW MELT POOLS.	Tanadara di S		
Activity Date:	Tre	eatment:		Treatment Are	a:	
07/27/2012	3.00	OZ	Bti granular-VectoBac G	1,620.00	SQ-F	

Treatment	History
-----------	---------

Treatment:

06/13/2012	0.50 OZ	Bti granular-VectoBac G	270.00	SQFT
------------	---------	-------------------------	--------	------

 Record:
 VS0000249
 GRANITE MOUNTAIN CIR.

 Site Description:
 DITCHES, SNOW MELT POOLS,MARSH,MEADOW.

 Assigned To:
 EE0000084 - KAREN BENDER

06/13/2012	0.50 OZ	Bti granular-VectoBac G	270.00 S	Q-F
07/19/2012	1.00 EA	Altosid briq. 30 day	100.00 S	Q-F
07/09/2012	0.50 OZ	Bti granular-VectoBac G	270.00 S	Q-F

Treatment Area:

Treatment Area:

Treatment Area:

 Record:
 VS0000252
 EL DORADO AVE FLOOD POOLS BEHIND HOUSES

 Site Description:
 POOL, DITCH, MARSH, MEADOW

 Assigned To:
 EE0000084 - KAREN BENDER

Activity Date: Treatment:

Activity Date:

07/10/2012	1.00 Ož	Z Bti granular-VectoBac G	500.00	SQ-F
07/20/2012	4.00 LE	Bti granular-VectoBac G	0.80	AC
07/19/2012	2.00 Ož	Z Bti granular-VectoBac G	1,000.00	SQ-F
04/04/2012	3.00 Ož	Z Bti granular-VectoBac G	1,500.00	SQ-F
08/06/2012	1.00 LE	Bti granular-VectoBac G	0.20	AC

Record: VS0000258 SPRINGWOOD DR. NEAR LAKEWOOD CRCL. BEHIND HOUSES Site Description: * SNOW MELT, POOL MARSH, MEADOW, DITCH Assigned To: EE0000084 - KAREN BENDER

Activity Date: Treatment:

05/07/2012	3.00 C	DZ Bti liquid-VectoBac 12 AS	8,600.00 SQ-F
04/18/2012	4.00 L	.B Bti granular-VectoBac G	17,500.00 SQ-F
06/25/2012	4.00 C	DZ Bti granular-VectoBac G	2,000.00 SQ-F

Record: VS0000259 SPRINGWOOD MEADOW N TO POWER LINES-E 2 TROUTCREEK Site Description: * SNOW MELT, MARSH, MEADOW, DITCH Assigned To: EE0000084 - KAREN BENDER

Activity Date: Treatment: **Treatment Area:** 04/24/2012 5.00 OZ Bti liquid-VectoBac 12 AS 16,250.00 SQ-F Bti liquid-VectoBac 12 AS 8,600.00 05/07/2012 3.00 OZ SQ-F 1.00 ΟZ 2,730.00 SQ-F 04/24/2012 Bti liquid-VectoBac 12 AS

Activity Date: Treatment:

Treatment Area:

Treatment Area:

05/07/2012	3.00 OZ	Bti liquid-VectoBac 12 AS	8,000.00 SQ-	F
04/07/2012	3.00 OZ	Bti liquid-VectoBac 12 AS	8,000.00 SQ-	F
07/06/2012	0.50 OZ	Bti granular-VectoBac G	250.00 SQ-	F
07/19/2012	0.50 OZ	Bti granular-VectoBac G	250.00 SQ-	F

Record: VS0000261 END OF SUNSET DR. POOLS AND RIVER OVER FLOW Site Description: POOL, DITCH EE0000084 - KAREN BENDER Assigned To:

Activity Date: Treatment:

07/26/2012	6.00	ΟZ	Bti granular-VectoBac G	3,000.00	SQ-F	
07/06/2012	0.50	ΟZ	Bti granular-VectoBac G	250.00	SQ-F	
05/07/2012	3.00	ΟZ	Bti liquid-VectoBac 12 AS	8,000.00	SQ-F	
04/24/2012	1.50	ΟZ	Bti liquid-VectoBac 12 AS	4,100.00	SQ-F	
04/24/2012	6.00	ΟZ	Bti liquid-VectoBac 12 AS	19,500.00	SQ-F	
05/30/2012	3.00	ΟZ	Bti granular-VectoBac G	15,000.00	SQ-F	
05/30/2012	4.00	EA	Altosid briq. 30 day	400.00	SQ-F	
08/08/2012	1.00	ΟZ	Bti granular-VectoBac G	500.00	SQ-F	

SKY MEADOWS TO TRUCKEE RIVER, POOLS AND OVER FLOWS Record: VS0000263 Site Description: * DITCH, MEADOW EE0000084 - KAREN BENDER

Assigned To:

Activity Date: Treatment: **Treatment Area:**

05/08/2012	9.00	ΟZ	Bti granular-VectoBac G	2,890.00 SQ-F
05/08/2012	2.00	EA	Altosid briq. XR	1,500.00 SQ-F

SKY MEADOWS, BEAVER DAM AND POOLS(@END OF SKYMDWS) Record: VS0000264 Site Description: * SNOW MELT, POOL, POND, DITCH Assigned To: EE0000084 - KAREN BENDER

Activity Date: Treatment:

05/08/2012	3.00 OZ	Bti granular-VectoBac G	1,000.00	SQ-F
05/30/2012	2.00 OZ	Bti granular-VectoBac G	10,000.00	SQ-F
06/05/2012	3.00 LB	Bti granular-VectoBac G	1.00	AC
07/06/2012	2.00 OZ	Bti granular-VectoBac G	1,000.00	SQ-F
06/29/2012	2.00 OZ	Bti granular-VectoBac G	1,000.00	SQ-F
07/27/2012	1.00 LB	Bti granular-VectoBac G	0.20	AC
07/18/2012	1.00 OZ	Bti granular-VectoBac G	500.00	SQ-F

07/16/2012	0.50 OZ	Bti granular-VectoBac G	250.00 SQ-F
08/08/2012	1.00 OZ	Bti granular-VectoBac G	500.00 SQ-F
08/21/2012	4.00 OZ	Bti granular-VectoBac G	2,000.00 SQ-F

 Record:
 VS0000265
 CALIF AVE. - BEHIND HOUSES (DRAINAGE IN SKY MDWS)

 Site Description:
 * SNOW MELT, POOL, DITCH

 Assigned To:
 EE0000084 - KAREN BENDER

Activity Date:	Treatment:	Treatment Area:		
07/18/2012	0.50 OZ	Bti granular-VectoBac G	250.00	SQ-F
06/29/2012	1.00 OZ	Bti granular-VectoBac G	500.00	SQ-F
06/19/2012	3.00 OZ	Vectomax CG	1,635.00	SQFT
06/19/2012	1.00 OZ	GB1111	68.00	SQFT
05/30/2012	2.00 OZ	Bti granular-VectoBac G	10,000.00	SQ-F
Record: VS004 Site Description: Assigned To: Activity Date:		L DR. E TO TRUCKEE RIVER POOL POOL, POND, MARSH, MEADOW, DI N BENDER		a:
06/12/2012	1.00 OZ	Bti granular-VectoBac G	545.00	SQFT
g		L DR. AND TEXAS ST. SWAMP DITCH, SWAMP N BENDER	Treatment Are	2.
Activity Date:	ireatment.		freatment Are	a.
06/28/2012	0.25 OZ	Bti granular-VectoBac G	100.00	SQ-F
Record: VS004 Site Description: Assigned To:		ST BOTH SIDES HOLDING PONDS K MARSH, DITCH N BENDER	EYS STORAGE FAC	
Activity Date:	Treatment:		Treatment Are	a:
06/28/2012	0.25 OZ	Bti granular-VectoBac G	100.00	SQ-F
05/09/2012	10.00 LB	Bti granular-VectoBac G	1.00	AC
05/09/2012	25.00 EA	Altosid briq. 30 day	1.00	AC

 Record:
 VS0000269
 KEYS BLVD. AND ALA WAI ROCK PONDS AROUND CONDOS

 Site Description:
 DITCH

 Assigned To:
 EE0000084 - KAREN BENDER

Activity Date: Treatment:

06/01/2012	1.50	OZ	Bti granular-VectoBac G	900.00	SQ-F
Record: VS0 Site Description Assigned To:			VD BETWEEN DOVER AND VENICE DR. E MARSH, MEADOW N BENDER		
Activity Date:	Tre	eatment:		Treatment Are	a:
04/10/2012	3.00	OZ	Bti granular-VectoBac G	1,500.00	SQ-F
06/28/2012	4.00	LB	Bti granular-VectoBac G	0.80	AC
07/10/2012	5.00	LB	Bti granular-VectoBac G	1.00	AC
07/24/2012	2.00	LB	Bti granular-VectoBac G	0.40	AC
08/08/2012	1.50	LB	Bti granular-VectoBac G	0.30	AC
08/08/2012	1.50	LB	Bti granular-VectoBac G	0.30	AC
08/21/2012	1.50	LB	Bti granular-VectoBac G	0.30	AC
Assigned To: Activity Date:		00084 - KAREI eatment:	N BENDER	Treatment Are	a:
06/15/2012	2.00	OZ	Bti granular-VectoBac G	1,000.00	SQ-F
Record: VS0 Site Description Assigned To:			IOE MT. TO ANGORA CRK DR. .ES, DITCHES, SPRINGS, BMP'S, CATCH E N BENDER	BASINS	
Activity Date:	Tre	eatment:		Treatment Are	a:
06/14/2012	0.50	OZ	Bti granular-VectoBac G	270.00	SQFT
07/10/2012	1.00	OZ	Bti granular-VectoBac G	540.00	SQ-F
07/10/2012	1.00	EA	Altosid briq. XR	100.00	SQ-F
05/30/2012	0.50	LB	Bti granular-VectoBac G	0.10	AC
05/14/2012	1.00	LB	Bti granular-VectoBac G	0.20	AC
09/05/2012	0.25	OZ	Bti granular-VectoBac G	100.00	SQ-F
Record: VS0 Site Description Assigned To:			EER CIRCLE BOTH SIDES OF RD. SNOW MELT POOLS, DITCHES, BMP'S N BENDER		
Site Description	n: BU EE000	JRN AREA, S	SNOW MELT POOLS, DITCHES, BMP'S	Treatment Are	a:

Bti granular-VectoBac G

09/05/2012

0.25 OZ

100.00

SQ-F

Record:VS0000282UPPER ANGORA CREEK, S. MEADOW AND POOLSite Description:SNOW MELT POOLS, DITCHES, MEADOW, MARSH.Assigned To:EE0000084 - KAREN BENDER

Treature		Treatment Are	
Treatme	את:	Treatment Are	a:
10.00 EA	Altosid briq. 30 day	1,000.00	SQ-F
2.00 LB	Vectomax CG	0.40	AC
7.00 LB	Bti granular-VectoBac G	1.40	AC
1.00 OZ	Bti granular-VectoBac G	540.00	SQ-F
EE0000084	SIDE DITCHES, FIRE BMP'S - KAREN BENDER		a.
ireatine	лц.	freatment Are	a.
2.00 OZ	Bti granular-VectoBac G	1,080.00	SQ-F
4.00 OZ	Bti granular-VectoBac G	2,160.00	SQ-F
			a: SQ-F
00286 M	OUNT SHASTA CIRCLE,BOTH SIDES MELT POOLS,DITCHES		
: SNOW I EE0000084	- KAREN BENDER	Tur stars at Aus	
: SNOW I	- KAREN BENDER	Treatment Are	a:
: SNOW I EE0000084	- KAREN BENDER	Treatment Are 0.10	a: AC
n: SNOW I EE0000084 Treatme	- KAREN BENDER ent: Bti granular-VectoBac G		
n: SNOW I EE0000084 Treatme 0.50 LB	- KAREN BENDER ent: Bti granular-VectoBac G Vectomax CG	0.10	AC
n: SNOW I EE0000084 Treatme 0.50 LB 6.00 OZ	- KAREN BENDER ent: Bti granular-VectoBac G Vectomax CG Altosid briq. 30 day	0.10 3,000.00	AC SQ-F
:: SNOW I EE0000084 Treatme 0.50 LB 6.00 OZ 20.00 EA 0.50 OZ 3.00 OZ	- KAREN BENDER ent: Bti granular-VectoBac G Vectomax CG Altosid briq. 30 day Bti granular-VectoBac G Bti granular-VectoBac G	0.10 3,000.00 2,000.00	AC SQ-F SQ-F
:: SNOW I EE0000084 Treatme 0.50 LB 6.00 OZ 20.00 EA 0.50 OZ	- KAREN BENDER ent: Bti granular-VectoBac G Vectomax CG Altosid briq. 30 day Bti granular-VectoBac G Bti granular-VectoBac G	0.10 3,000.00 2,000.00 270.00	AC SQ-F SQ-F SQFT
EE0000084 Treatme 0.50 LB 6.00 OZ 20.00 EA 0.50 OZ 3.00 OZ 1.00 OZ 1.00 OZ 000289 UF SNOW F	- KAREN BENDER ent: Bti granular-VectoBac G Vectomax CG Altosid briq. 30 day Bti granular-VectoBac G Bti granular-VectoBac G	0.10 3,000.00 2,000.00 270.00 1,620.00 500.00	AC SQ-F SQ-F SQFT SQ-F
EE0000084 Treatme 0.50 LB 6.00 OZ 20.00 EA 0.50 OZ 3.00 OZ 1.00 OZ 1.00 OZ 000289 UF SNOW F	- KAREN BENDER ent: Bti granular-VectoBac G Vectomax CG Altosid briq. 30 day Bti granular-VectoBac G Bti granular-VectoBac G Bti granular-VectoBac G PPER TRUCKEE RD, NW FROM LT BLVD,T MELT POOLS, DITCHES - KAREN BENDER	0.10 3,000.00 2,000.00 270.00 1,620.00 500.00	AC SQ-F SQ-F SQ-F SQ-F SQ-F
	10.00 EA 2.00 LB 7.00 LB 1.00 OZ 000284 LT EE0000084 Treatme 2.00 OZ 4.00 OZ 000285 M FIRE ZC EE0000084 Treatme 0.25 0.25 OZ	2.00 LB Vectomax CG 7.00 LB Bti granular-VectoBac G 1.00 OZ Bti granular-VectoBac G 0.00284 LT BLVD,SW SIDE FROM MT RAINIER TO UP 0.00284 LT BLVD,SW SIDE FROM MT RAINIER TO UP 0.00284 LT BLVD,SW SIDE FROM MT RAINIER TO UP 0.00284 LT BLVD,SW SIDE FROM MT RAINIER TO UP 1.00 OZ Bender FIRE BMP'S EE0000084 - KAREN BENDER Treatment: 2.00 OZ Bti granular-VectoBac G 4.00 OZ Bti granular-VectoBac G 000285 MOUNT RAINIER DR.BOTH SIDES 1.0000084 - KAREN BENDER Treatment: 0.25 OZ Bti granular-VectoBac G 0.00286 MOUNT SHASTA CIRCLE,BOTH SIDES	10.00 EA Altosid briq. 30 day 1,000.00 2.00 LB Vectomax CG 0.40 7.00 LB Bti granular-VectoBac G 1.40 1.00 OZ Bti granular-VectoBac G 540.00 000284 LT BLVD,SW SIDE FROM MT RAINIER TO UPPER TRUCKEE R III: ROADSIDE DITCHES, FIRE BMP'S EE0000084 - KAREN BENDER Treatment: 2.00 OZ Bti granular-VectoBac G 1,080.00 4.00 OZ Bti granular-VectoBac G 2,160.00 000285 MOUNT RAINIER DR.BOTH SIDES FIRE ZONE, SPRINGS, BMP'S, DITCHES, CATCH BASINS EE0000084 - KAREN BENDER Treatment: Treatment Area 0.25 OZ Bti granular-VectoBac G 100.00 0.25 OZ Bti granular-VectoBac G 100.00 0.25 OZ Bti granular-VectoBac G 100.00

06/27/2012	1.00	ΟZ	Bti granular-VectoBac G	540.00	SQ-F	
07/17/2012	1.00	EA	Altosid briq. XR	100.00	SQ-F	
Record: VS0 Site Descriptior Assigned To: Activity Date:	n: SN EE000	IOW MELT	R TRUCKEE RD,W SIDE FROM GRIZZ T POOL, DITCH REN BENDER	LY MT TO SENECA. Treatment Are	a:	
05/31/2012	1.00	EA	Altosid briq. 30 day	100.00	SQ-F	
Record: VS0 Site Descriptior Assigned To:	n: ME	EADOW, C	RA CREEK DRAINAGE. ANGORA RIDO CREEK, SNOW MELT POOLS, BURNT I REN BENDER			
Activity Date:	Tre	eatment:		Treatment Are	a:	
06/05/2012	3.00	LB	Bti granular-VectoBac G	0.60	AC	
06/05/2012	4.00	EA	Altosid briq. XR	400.00	SQFT	
06/20/2012	1.00	LB	Bti granular-VectoBac G	0.20	AC	
	5.50	OZ	Bti granular-VectoBac G	2,970.00	SQ-F	
07/09/2012 Record: VS0 Site Description Assigned To:	000301 n: SN	IOW MEL	OD CREEK,NORTH SIDE BELOW POO T POOLS, DITCHES REN BENDER	DEWIN ST.		
Record: VS0 Site Description Assigned To:	000301 n: SN EE000	IOW MEL	T POOLS, DITCHES	DEWIN ST. Treatment Are	a:	
Record: VS0 Site Description Assigned To: Activity Date:	000301 n: SN EE000	IOW MELT 10084 - KAF eatment:	T POOLS, DITCHES		a: SQ-F	
Record: VS0 Site Description Assigned To: Activity Date: 06/21/2012	000301 n: SN EE000 Tre	IOW MELT 0084 - KAF eatment: OZ	T POOLS, DITCHES REN BENDER Bti granular-VectoBac G Altosid briq. 30 day	Treatment Are		
Record: VS0 Site Description Assigned To: Activity Date: 06/21/2012 06/21/2012	000301 n: SN EE000 Tre 2.00	IOW MELT 0084 - KAF eatment: OZ	T POOLS, DITCHES REN BENDER Bti granular-VectoBac G	Treatment Are 1,080.00	SQ-F	
Record: VS0 Site Description Assigned To: Activity Date: 06/21/2012 06/21/2012 07/23/2012 Record: VS0 Site Description	000301 n: SN EE000 Tre 2.00 5.00 6.50 000302 n: SN	OW MELT 0084 - KAF eatment: OZ EA OZ OSGO IOW MELT	T POOLS, DITCHES REN BENDER Bti granular-VectoBac G Altosid briq. 30 day	Treatment Are 1,080.00 500.00 3,510.00	SQ-F SQ-F	
Record: VS0 Site Description Assigned To: Activity Date: 06/21/2012 06/21/2012 07/23/2012 Record: VS0 Site Description Assigned To:	000301 n: SN EE000 Tre 2.00 5.00 6.50 000302 n: SN EE000	OW MELT 0084 - KAF eatment: OZ EA OZ OSGO IOW MELT	T POOLS, DITCHES REN BENDER Bti granular-VectoBac G Altosid briq. 30 day Bti granular-VectoBac G OD CREEK, E SIDE FROM UPPER TR T POOLS ,DITCHES	Treatment Are 1,080.00 500.00 3,510.00	SQ-F SQ-F SQ-F	
Record: VS0 Site Description Assigned To: Activity Date: 06/21/2012 06/21/2012 07/23/2012 Record: VS0 Site Description Assigned To: Activity Date:	000301 n: SN EE000 Tre 2.00 5.00 6.50 000302 n: SN EE000	OW MELT 0084 - KAF eatment: OZ EA OZ OSGO IOW MELT 0084 - KAF	T POOLS, DITCHES REN BENDER Bti granular-VectoBac G Altosid briq. 30 day Bti granular-VectoBac G OD CREEK, E SIDE FROM UPPER TR T POOLS ,DITCHES	Treatment Are 1,080.00 500.00 3,510.00 UCKEE RD,TO USFS	SQ-F SQ-F SQ-F	
Record: VS0 Site Description Assigned To: Activity Date: 06/21/2012 06/21/2012 07/23/2012 Record: VS0 Site Description Assigned To: Activity Date: 07/26/2012 Record: VS0 Site Description	000301 n: SN EE000 7re 2.00 5.00 6.50 000302 n: SN EE000 Tre 3.00 000303 n: SN	IOW MELT 0084 - KAF eatment: OZ OSGO IOW MELT 0084 - KAF eatment: OZ UPPEF IOW MELT	T POOLS, DITCHES REN BENDER Bti granular-VectoBac G Altosid briq. 30 day Bti granular-VectoBac G OD CREEK, E SIDE FROM UPPER TR T POOLS ,DITCHES REN BENDER	Treatment Are 1,080.00 500.00 3,510.00 UCKEE RD,TO USFS Treatment Are 1,620.00	SQ-F SQ-F SQ-F a: SQ-F	
Record: VS0 Site Description	000301 n: SN EE000 7re 2.00 5.00 6.50 000302 n: SN EE000 7re 3.00 000303 n: SN EE000	IOW MELT 0084 - KAF eatment: OZ OSGO IOW MELT 0084 - KAF eatment: OZ UPPEF IOW MELT	T POOLS, DITCHES REN BENDER Bti granular-VectoBac G Altosid briq. 30 day Bti granular-VectoBac G OD CREEK, E SIDE FROM UPPER TR T POOLS ,DITCHES REN BENDER Bti granular-VectoBac G R TRUCKEE RD,WS FROM WINTOON T POOLS,DITCHES	Treatment Are 1,080.00 500.00 3,510.00 UCKEE RD,TO USFS Treatment Are 1,620.00	SQ-F SQ-F SQ-F a: SQ-F	
Record: VS0 Site Description Assigned To: Activity Date: 06/21/2012 06/21/2012 07/23/2012 Record: VS0 Site Description Assigned To: Activity Date: 07/26/2012 Record: VS0 Site Description Assigned To:	000301 n: SN EE000 7re 2.00 5.00 6.50 000302 n: SN EE000 7re 3.00 000303 n: SN EE000	OW MELT 0084 - KAF eatment: OZ EA OZ OSGO IOW MELT 0084 - KAF OZ UPPEF IOW MELT 0084 - KAF	T POOLS, DITCHES REN BENDER Bti granular-VectoBac G Altosid briq. 30 day Bti granular-VectoBac G OD CREEK, E SIDE FROM UPPER TR T POOLS ,DITCHES REN BENDER Bti granular-VectoBac G R TRUCKEE RD,WS FROM WINTOON T POOLS,DITCHES	Treatment Are 1,080.00 500.00 3,510.00 UCKEE RD,TO USFS Treatment Are 1,620.00 TO SAN BERNARDINO	SQ-F SQ-F SQ-F a: SQ-F	

Record:VS0000305UPPER TRUCKEE RD,W SIDE FROM OTOMITES TO HWY 50.Site Description:SNOW MELT POOLS, DITCHESAssigned To:EE0000084 - KAREN BENDER

Activity Date:	Tre	atment:		Treatment Are	a:
05/10/2012	7.00	EA	Altosid briq. XR	700.00	SQ-F
05/10/2012	3.00	LB	Bti granular-VectoBac G	0.60	AC
Record: VS00 Site Description: Assigned To: Activity Date:	SN EE000	OW MEL	IAGE BETWEEN UPPER TRUCKEE RD A T POOLS. MARSH,DITCH REN BENDER	ND CHIAPA DR Treatment Are	a:
05/17/2012	0.50	LB	Vectomax CG	0.10	AC
Site Description: Assigned To: Activity Date:	EE000		T POOLS , MARSH, MEADOW REN BENDER	Treatment Are	a:
05/11/2012	3.00	LB	Bti granular-VectoBac G	0.60	AC
05/11/2012	2.00	LB	Vectomax CG	0.40	AC
05/10/2012	5.00	EA	Altosid briq. XR	500.00	SQ-F
05/10/2012	1.00	LB	Bti granular-VectoBac G	0.20	AC
06/01/2012	2.00	LB	Bti granular-VectoBac G	0.20	AC
06/01/2012	4.00	EA	Altosid briq. XR	400.00	SQFT
06/01/2012	6.00	EA	Altosid briq. 30 day	600.00	SQFT
06/01/2012	20.00	EA	Altosid briq. XR	2,000.00	SQ-F
06/01/2012	3.50	LB	Bti granular-VectoBac G	0.70	AC
06/01/2012	0.50	LB	Vectomax CG	1.00	AC
06/15/2012	3.00	OZ	Bti granular-VectoBac G	1,650.00	SQFT
06/15/2012	3.00	OZ	GB1111	240.00	SQFT
Record: VS00 Site Description: Assigned To:	SN	OW MEL	COTHE ST.BOTH SIDES T POOLS, DITCH REN BENDER		

04/25/2012 10.00 LB Vectomax CG	2.00 AC	
---------------------------------	---------	--

Record:VS0000321ULMECA ST.BOTH SIDESSite Description:SNOW MELT POOLS, DITCHAssigned To:EE0000084 - KAREN BENDER

Activity Date:	Ire	atment:		Treatment Are	α.
06/20/2012	0.50	LB	Bti granular-VectoBac G	4,320.00	SQ-F
07/03/2012	2.00	OZ	Bti granular-VectoBac G	1,080.00	SQ-F
Record: VS00 Site Descriptior Assigned To:	n: MA	RSH, MEA	E DR. E. INDUSTRIAL AREA TO HARE ADOW, DITCH, EN BENDER	OR ON L. SIDE	
Activity Date:	Tre	atment:		Treatment Are	a:
07/27/2012	3.00	OZ	Bti granular-VectoBac G	1,500.00	SQ-F
08/08/2012	4.00	OZ	Bti granular-VectoBac G	2,000.00	SQ-F
08/21/2012	4.00	OZ	Bti granular-VectoBac G	2,000.00	SQ-F
09/11/2012	0.50	OZ	Bti granular-VectoBac G	250.00	SQ-F
Record: VS00 Site Descriptior Assigned To: Activity Date:	n: DIT EE000		L, MARSH, MEADOW EN BENDER	Treatment Are	a:
Site Descriptior Assigned To: Activity Date:	EE000	TCH, POO 0084 - KAR eatment:	EN BENDER		
Site Description Assigned To:	n: DIT EE000 Tre 6.00	CH, POO 0084 - KAR eatment: EA		3,000.00	a: SQ-F
Site Description Assigned To: Activity Date: 04/10/2012 Record: VS00 Site Description	2000336 2000336 2000336	CH, POO 0084 - KAR eatment: EA LASSEI	Altosid briq. XR	3,000.00	
Site Description Assigned To: Activity Date: 04/10/2012 Record: VS00 Site Description Assigned To:	2000336 2000336 2000336 2000336 2000336	CH, POO 0084 - KAR eatment: EA LASSEI	Altosid briq. XR N DR. LAGOON CANAL TO BEAVER I L, MARSH, MEADOW	3,000.00	SQ-F
Site Description Assigned To: Activity Date: 04/10/2012 Record: VS00 Site Description Assigned To: Activity Date:	2000336 2000336 2000336 2000336 2000336	CH, POO 0084 - KAR eatment: EA LASSE CH, POO 0084 - KAR	Altosid briq. XR N DR. LAGOON CANAL TO BEAVER I L, MARSH, MEADOW	3,000.00 DAM AND POND	SQ-F
Site Description Assigned To: Activity Date: 04/10/2012 Record: VS00 Site Description Assigned To: Activity Date: 07/17/2012	2000336 2000336 2000336 2000336 2000336 2000336 2000336 2000336 2000336 2000336 2000336 2000336 2000336 2000336 2000 2000	CH, POO 0084 - KAR eatment: EA LASSE TCH, POO 0084 - KAR eatment:	Altosid briq. XR N DR. LAGOON CANAL TO BEAVER I L, MARSH, MEADOW EN BENDER	3,000.00 DAM AND POND Treatment Are	SQ-F
Site Description Assigned To: Activity Date: 04/10/2012 Record: VS00 Site Description Assigned To: Activity Date: 07/17/2012 07/13/2012	2000336 000336 000336 000336 000336 000336 000336 000336 000336 000336 000336 000336 000336 000 000	CH, POO 0084 - KAR eatment: EA LASSEI TCH, POO 0084 - KAR eatment: OZ	Altosid briq. XR N DR. LAGOON CANAL TO BEAVER I L, MARSH, MEADOW EN BENDER Bti granular-VectoBac G	3,000.00 DAM AND POND Treatment Are 750.00	SQ-F a: SQ-F
Site Description Assigned To: Activity Date: 04/10/2012 Record: VS00 Site Description Assigned To: Activity Date: 07/17/2012 07/13/2012 06/28/2012	1: DIT EE000 Tre 6.00 000336 0: DIT EE000 Tre 1.50 2.00	CH, POO 0084 - KAR eatment: EA LASSE CCH, POO 0084 - KAR eatment: OZ OZ	Altosid briq. XR N DR. LAGOON CANAL TO BEAVER I L, MARSH, MEADOW EN BENDER Bti granular-VectoBac G Bti granular-VectoBac G	3,000.00 DAM AND POND Treatment Are 750.00 1,000.00	SQ-F a: SQ-F SQ-F
Site Description Assigned To: Activity Date: 04/10/2012 Record: VS00	1: DIT EE000 Tre 6.00 000336 1: DIT EE000 Tre 1.50 2.00 3.00	CH, POO 0084 - KAR eatment: EA LASSE TCH, POO 0084 - KAR eatment: OZ OZ OZ	Altosid briq. XR N DR. LAGOON CANAL TO BEAVER I L, MARSH, MEADOW EN BENDER Bti granular-VectoBac G Bti granular-VectoBac G Bti granular-VectoBac G	3,000.00 DAM AND POND Treatment Are 750.00 1,000.00 1,500.00	SQ-F a: SQ-F SQ-F SQ-F SQ-F
Site Description Assigned To: Activity Date: 04/10/2012 Record: VS00 Site Description Assigned To: Activity Date: 07/17/2012 07/13/2012 06/28/2012 06/28/2012	1: DIT EE000 Tre 6.00 000336 0: DIT EE000 Tre 1.50 2.00 3.00 1.00 4.00	CH, POO 0084 - KAR eatment: EA LASSEI TCH, POO 0084 - KAR eatment: OZ OZ OZ OZ LB OZ UDLU RSH, ME/	Altosid briq. XR N DR. LAGOON CANAL TO BEAVER I L, MARSH, MEADOW EN BENDER Bti granular-VectoBac G Bti granular-VectoBac G Bti granular-VectoBac G Bti granular-VectoBac G	3,000.00 DAM AND POND Treatment Are 750.00 1,000.00 1,500.00 0.20 2,000.00	SQ-F a: SQ-F SQ-F SQ-F AC

06/05/2012 0.50 LB Bti granular-VectoBac G

10,890.00 SQFT

 Record:
 VS0000338
 TAHOE ISLAND DR. TAHOE VALLEY SCHOOL POOLS N. SIDE

 Site Description:
 MARSH, DITCH

 Assigned To:
 EE0000084 - KAREN BENDER

Activity Date: Treatment:				Treatment Area:		
05/18/2012	1.00	OZ	GB1111	100.00	SQ-F	
Record: VS0(Site Description Assigned To:	: DIT	TAHOE IS TCH, MEADO 10084 - KAREN		MEADOW ON R		
Activity Date:	Tre	eatment:		Treatment Area	a:	
06/06/2012	3.00	OZ	Bti granular-VectoBac G	1,635.00	SQFT	
04/23/2012	2.50	LB	Bti granular-VectoBac G	21,000.00	SQ-F	
06/18/2012	8.00	OZ	GB1111	600.00	SQFT	
06/18/2012	3.00	OZ	Vectomax CG	1,635.00	SQ-F	
05/18/2012	5.00	OZ	Bti granular-VectoBac G	4,000.00	SQ-F	
Assigned To: Activity Date:	Tre	eatment:		Treatment Area	a:	
05/40/0040	5.00	07		4 000 00	00 F	
05/18/2012	4.00	OZ OZ	Bti granular-VectoBac G	2,180.00	SQ-F	
	1.00					
Record: VS0(Site Description Assigned To: Activity Date:	000347 : DIT EE000			VALLEY SCHOOL Treatment Area	a:	
Site Description Assigned To: Activity Date:	000347 : DIT EE000 Tre	TAHOE V TCH, MARSH 0084 - KAREN eatment:	I I BENDER	Treatment Area		
Site Description Assigned To:	000347 : DIT EE000	TAHOE V TCH, MARSH 0084 - KAREN	I		a: SQFT SQ-F	
Site Description Assigned To: Activity Date: 06/06/2012	000347 : DIT EE000 Tre 3.00 2.50 000348 : * P EE000	TAHOE V ICH, MARSH 0084 - KAREN eatment: OZ LB	I BENDER Bti granular-VectoBac G Bti granular-VectoBac G /E. FILTRATION PLANT TO END OF , MARSH	Treatment Area 1,635.00 21,000.00	SQFT SQ-F	
Site Description Assigned To: Activity Date: 06/06/2012 04/23/2012 Record: VS00 Site Description Assigned To: Activity Date:	000347 : DIT EE000 Tre 3.00 2.50 000348 : * P EE000 Tre	TAHOE V TCH, MARSH 0084 - KAREN eatment: OZ LB TEXAS AV POOL, DITCH 0084 - KAREN eatment:	I BENDER Bti granular-VectoBac G Bti granular-VectoBac G /E. FILTRATION PLANT TO END OF , MARSH I BENDER	Treatment Area 1,635.00 21,000.00	SQFT SQ-F	
Site Description Assigned To: Activity Date: 06/06/2012 04/23/2012 Record: VS00 Site Description Assigned To:	000347 : DIT EE000 Tre 3.00 2.50 000348 : * P EE000	TAHOE V TCH, MARSH 0084 - KAREN eatment: OZ LB TEXAS AV POOL, DITCH 0084 - KAREN eatment:	I BENDER Bti granular-VectoBac G Bti granular-VectoBac G /E. FILTRATION PLANT TO END OF , MARSH	Treatment Area 1,635.00 21,000.00	SQFT SQ-F	

 Record:
 VS0000349
 TAHOE ISLAND DR. WEST OF 12TH MEADOW W. OF ANITA

 Site Description:
 MEADOW, DITCH

 Assigned To:
 EE0000084 - KAREN BENDER

Activity Date:	Treatment:		Treatment Are	ea:
05/18/2012	2.00 EA	Altosid briq. 30 day	200.00	SQ-F
Record: VS00 Site Description Assigned To:			DN	
Activity Date:	Treatment:		Treatment Are	a:
05/10/2012	9.00 OZ	Bti granular-VectoBac G	6,500.00	SQ-F
Record: VS00 Site Description Assigned To:			VENICE	
Activity Date:	Treatment:		Treatment Are	a:
04/20/2012	20.00 OZ	Bti granular-VectoBac G	10,500.00	SQ-F
07/10/2012	5.00 LB	Bti granular-VectoBac G	1.00	AC
07/09/2012	1.00 OZ	Bti granular-VectoBac G	500.00	SQ-F
07/09/2012	1.00 OZ	Vectomax CG	500.00	SQ-F
07/19/2012	4.00 OZ	Bti granular-VectoBac G	2,000.00	SQ-F
07/19/2012	1.00 EA	Altosid briq. 30 day	100.00	SQ-F
08/24/2012	3.00 LB	Bti granular-VectoBac G	0.60	AC
Record: VS00 Site Description Assigned To:			ED AREA	
Activity Date:	Treatment:		Treatment Are	a:
07/09/2012	0.10 OZ	Bti granular-VectoBac G	50.00	SQ-F
04/20/2012	11.00 OZ	Bti granular-VectoBac G	5,000.00	SQ-F
04/20/2012	3.00 EA	Altosid briq. XR	300.00	SQ-F
04/27/2012	3.00 OZ	Vectomax CG	100.00	SQ-F
05/09/2012	11.00 OZ	Bti granular-VectoBac G	5,000.00	SQ-F
05/23/2012	0.40 OZ	Vectomax CG	24.00	SQ-F
05/31/2012	0.50 OZ	Bti granular-VectoBac G	200.00	SQ-F

Record: VS0000353 VENICE DR. W. SIDE- POPE MARSH AROUND TO POPE BEACH Site Description: MEADOW, SWAMP Assigned To: EE0000084 - KAREN BENDER

Activity Date: Treatment:

Treatr	nen	nt Hist	ory		
04/23/2012	6.00	LB	Vectomax CG	50,400.00	SQ-F
Record: VS0 Site Description Assigned To:		TATA LN. ARSH, DITCH 0084 - KAREN		RST	
Activity Date:	Tre	eatment:		Treatment Are	a:
07/05/2012	0.25	OZ	Bti granular-VectoBac G	100.00	SQ-F
07/27/2012	11.00	OZ	Bti granular-VectoBac G	500.00	SQ-F
09/13/2012	4.00	EA	Altosid briq. 30 day	400.00	SQ-F
08/20/2012	2.00	OZ	Bti granular-VectoBac G	1,000.00	SQ-F
Site Description Assigned To:	EE000	TCH, MARSH 10084 - KAREN			
Activity Date:	Tre	eatment:		Treatment Are	a:
07/27/2012	0.25	OZ	Bti granular-VectoBac G	125.00	SQ-F
07/17/2012	0.50	OZ	Bti granular-VectoBac G	250.00	SQ-F
Site Descriptior Assigned To: Activity Date:	EE000	TCH, POOL 10084 - KAREN eatment:	I BENDER	Treatment Are	a:
07/16/2012	0.10	OZ	Bti granular-VectoBac G	50.00	SQ-F
07/02/2012	3.00	OZ	Bti granular-VectoBac G	1,500.00	SQ-F
05/18/2012	2.00	EA	Altosid briq. 30 day	200.00	SQ-F
09/13/2012	1.00	EA	Altosid briq. 30 day	100.00	SQ-F
Record: VS0000367 MDW X- N. OF HWY#89 BETWEEN STUPD PUMP STA & POPE Site Description: POOL, POND, MARSH, DITCH Assigned To: EE0000084 - KAREN BENDER Activity Date: Treatment: Treatment Area:					
08/21/2012	0.50	OZ	Bti granular-VectoBac G	250.00	SQ-F
Record: VS0 Site Descriptior Assigned To:	n: PC	POPE BE OOL, DITCH, 0084 - KAREN		DES	
Activity Date:	Tre	eatment:		Treatment Are	a:
05/02/2012	2.00	OZ	Bti granular-VectoBac G	1,000.00	

06/05/2012	3.00	LB	Bti granular-VectoBac G	1.00	AC	
06/19/2012	2.00	LB	Bti granular-VectoBac G	1.00	AC	
06/27/2012	1.00	LB	Bti granular-VectoBac G	0.20	AC	
07/16/2012	1.00	ΟZ	Bti granular-VectoBac G	500.00	SQ-F	

 Record:
 VS0000370
 JAMISON BEACH RD. MARSH ON SOUTH SIDE (CAMP RICH)

 Site Description:
 POND, MARSH, MEADOW

 Assigned To:
 EE0000084 - KAREN BENDER

Activity Date: Treatment: **Treatment Area:** 07/18/2012 5.00 LB Bti granular-VectoBac G 1.00 AC AC 06/15/2012 6.00 LB Bti granular-VectoBac G 1.20 06/15/2012 32.00 LB Bti granular-VectoBac G 2.00 AC 06/15/2012 4.00 LB Vectomax CG 32,670.00 SQFT 06/15/2012 10.00 LB Bti granular-VectoBac G 2.00 AC AC 06/15/2012 18.00 LB Bti granular-VectoBac G 3.60 AC 06/15/2012 10.00 LB Bti granular-VectoBac G 3.00 06/15/2012 4.00 LB Vectomax CG 3.00 AC 06/15/2012 18.00 LB Bti granular-VectoBac G 3.60 AC AC 2.00 06/15/2012 12.00 LB Bti granular-VectoBac G

Record: VS0000435 SAN BERNARDINO AVE,EAST OF U TRUCKEE RD Site Description: SNOW MELT POOLS, DITCHES, CREEKS Assigned To: EE0000084 - KAREN BENDER

Activity Date: Treatment:

06/20/2012 0.50 ΟZ Bti granular-VectoBac G 270.00 SQ-F 06/05/2012 1.00 ΟZ Bti granular-VectoBac G 550.00 SQFT 05/17/2012 1.00 LB 0.20 AC Vectomax CG

Record: VS0000436 UT RIVER W. SHAWNEE DRAIN TO HWY 50 Site Description: SNOW MELT POOLS MEADOW,DITCH, Assigned To: EE0000084 - KAREN BENDER

Activity Date: Treatment:

05/09/2012	5.00 LB	Vectomax CG	1.00 AC
05/09/2012	4.00 EA	Altosid briq. XR	400.00 SQ-F

Record:VS0000437OAXACO ST,BOTH SIDESSite Description:SNOW MELT POOLS ,DITCHESAssigned To:EE0000084 - KAREN BENDER

Activity Date: Treatment:

Treatment Area:

Treatment Area:

07/03/2012	0.50 OZ	Bti granular-VectoBac G	270.00	SQ-F		
Record: VS0 Site Description Assigned To:		LY MTN. TO AMACKER RANCH FENCE POOLS, DITCHES,MARSH,MEADOW. REN BENDER				
Activity Date:	Treatment:		Treatment Ar	ea:		
06/21/2012	1.50 LB	Bti granular-VectoBac G	0.30	AC		
07/17/2012	3.00 EA	Altosid briq. 30 day	300.00	SQ-F		
06/08/2012	2.00 EA	Altosid briq. 30 day	200.00	SQFT		
	Record: VS0000446 DIXIE MTN DR. BOTH SIDES Site Description: SNOW MELT POOLS,DITCHES,					
Activity Date:	Treatment:		Treatment Ar	ea:		

05/31/2012	9.00 EA	Altosid briq. 30 day	900.00	SQ-F
05/16/2012	1.00 LB	Vectomax CG	0.20	AC
05/16/2012	5.00 EA	Altosid briq. 30 day	500.00	SQ-F
01/08/2012	5.00 EA	Altosid briq. 30 day	500.00	SQ-F
01/08/2012	1.00 LB	Vectomax CG	0.20	ACRE

Record: VS0000447 MTN MEADOW DR. FROM UPPER TRUCKEE RD TO END Site Description: SNOW MELT POOLS,DITCHES Assigned To: EE0000084 - KAREN BENDER

Activity Date: Treatment:

05/31/2012	1.00 EA	Altosid briq. 30 day	100.00 SQ-F
05/31/2012	1.00 LB	Bti granular-VectoBac G	0.20 AC
06/21/2012	5.00 OZ	Bti granular-VectoBac G	2,700.00 SQ-F
07/10/2012	1.00 OZ	Bti granular-VectoBac G	540.00 SQ-F

Record:VS0000449VIEW CIR.BOTH SIDES.Site Description:SNOW MELT POOLS ,DITCHESAssigned To:EE0000084 - KAREN BENDER

Activity Date: Treatment:

Treatment Area:

06/26/2012	4.00 EA	Altosid briq. 30 day	400.00	SQ-F
05/31/2012	0.50 LB	Bti granular-VectoBac G	0.10	AC
05/15/2012	6.00 EA	Altosid briq. XR	600.00	SQ-F
05/15/2012	5.00 EA	Altosid brig. 30 day	500.00	SQ-F

Treatment	History

05/15/2012 0).50 LB	Vectomax CG
--------------	---------	-------------

Record: VS0000450 MTN. TROUT DR. AND CLEAR VIEW DR Site Description: SNOW MELT ,POOLS ,DITCHES Assigned To: EE0000084 - KAREN BENDER

Activity Date: Treatment:

Treatment Area:

Treatment Area:

0.10

AC

05/31/2012	2.00	EA	Altosid briq. 30 day	200.00	SQ-F	
04/20/2012	2.00	LB	Bti granular-VectoBac G	1,100.00	SQ-F	
09/24/2012	0.25	ΟZ	Bti granular-VectoBac G	100.00	SQ-F	
09/05/2012	0.25	ΟZ	Bti granular-VectoBac G	100.00	SQ-F	

Record: VS0000451 MEADOW AT END OF MT. TROUT DR. N OF ANGORA CREEK. Site Description: SNOW MELT POOL ,POND ,MARSH, Assigned To: EE0000084 - KAREN BENDER

Activity Date: Treatment:

06/06/2012 4.80 ΟZ Bti granular-VectoBac G 2,600.00 SQFT 06/06/2012 3.00 Altosid briq. XR 300.00 SQFT EΑ 06/06/2012 1.00 ΕA Altosid briq. 30 day 100.00 SQFT 1.00 OZ 500.00 SQ-F 05/15/2012 Vectomax CG 2.00 05/18/2012 10.00 LB Bti granular-VectoBac G AC

Record: VS0000452 ANGORA CREEK, BETWEEN LTB. AND VIEW CIR Site Description: SNOW MELT POOLS ,DITCHES, Assigned To: EE0000084 - KAREN BENDER

Activity Date: Treatment:

Treatment Area:

05/15/2012	1.50	LB	Vectomax CG	0.30	AC
05/15/2012	4.00	EA	Altosid briq. XR	400.00	SQ-F
05/31/2012	3.00	EA	Altosid briq. XR	300.00	SQ-F
05/31/2012	5.00	EA	Altosid briq. 30 day	500.00	SQ-F
05/31/2012	1.00	LB	Bti granular-VectoBac G	0.20	AC
06/18/2012	0.80	ΟZ	Bti granular-VectoBac G	435.00	SQ-F
07/09/2012	2.00	EA	Altosid briq. XR	200.00	SQ-F
07/09/2012	5.00	EA	Altosid briq. 30 day	500.00	SQ-F
07/09/2012	1.00	LB	Bti granular-VectoBac G	0.20	AC
07/27/2012	4.00	ΟZ	Bti granular-VectoBac G	2,160.00	SQ-F
08/09/2012	1.50	LB	Bti granular-VectoBac G	0.30	AC

Record: VS0000453 ANGORA CRK CIRCLE, CREEK, BMP'S Site Description: SNOW MELT POOLS ,DITCHES, Assigned To: EE0000084 - KAREN BENDER

Activity Date:	Tre	eatment:		Treatment Are	a:
08/08/2012	2.00	OZ	Bti granular-VectoBac G	1,080.00	SQ-F
08/22/2012	0.50	OZ	Bti granular-VectoBac G	250.00	SQ-F
07/19/2012	2.00	EA	Altosid briq. XR	200.00	SQ-F
Record: VS00 Site Description Assigned To: Activity Date:	EE000		ANE TO COYOTE RIDGE. OOLS ,DITCHES, N BENDER	Treatment Are	a:
-					
06/14/2012	0.50	OZ	Bti granular-VectoBac G	270.00	SQFT
Record: VS00 Site Description Assigned To:	: SN		R ENTRANCE TO LTB. NORTH TO LTB OOLS ,DITCHES ,MEADOW N BENDER		
Activity Date:	Tre	eatment:		Treatment Are	a:
-			Bti granular-VectoBac G		
06/22/2012	3.00	OZ	Bti granular-VectoBac G	1,620.00	SQ-F
06/22/2012 07/09/2012	3.00 0.50	OZ OZ	Bti granular-VectoBac G	1,620.00	SQ-F SQ-F
06/22/2012	3.00 0.50 1.50	OZ	Bti granular-VectoBac G Bti granular-VectoBac G	1,620.00 270.00 0.30	SQ-F SQ-F AC
06/22/2012 07/09/2012 06/07/2012	3.00 0.50	OZ OZ LB LB	Bti granular-VectoBac G Bti granular-VectoBac G Vectomax CG	1,620.00	SQ-F SQ-F
06/22/2012 07/09/2012 06/07/2012 06/07/2012	3.00 0.50 1.50 2.00	OZ OZ LB LB EA	Bti granular-VectoBac G Bti granular-VectoBac G	1,620.00 270.00 0.30 0.40	SQ-F SQ-F AC AC
06/22/2012 07/09/2012 06/07/2012 06/07/2012 05/18/2012	3.00 0.50 1.50 2.00 41.00	OZ OZ LB LB EA	Bti granular-VectoBac G Bti granular-VectoBac G Vectomax CG Altosid briq. 30 day	1,620.00 270.00 0.30 0.40 4,100.00	SQ-F SQ-F AC AC SQ-F
06/22/2012 07/09/2012 06/07/2012 06/07/2012 05/18/2012 05/18/2012	3.00 0.50 1.50 2.00 41.00 21.00	OZ OZ LB LB EA EA LB	Bti granular-VectoBac G Bti granular-VectoBac G Vectomax CG Altosid briq. 30 day Altosid briq. XR	1,620.00 270.00 0.30 0.40 4,100.00 2,100.00	SQ-F SQ-F AC AC SQ-F SQ-F
06/22/2012 07/09/2012 06/07/2012 06/07/2012 05/18/2012 05/18/2012 05/18/2012	3.00 0.50 1.50 2.00 41.00 21.00 3.00	OZ OZ LB LB EA EA LB EA	Bti granular-VectoBac G Bti granular-VectoBac G Vectomax CG Altosid briq. 30 day Altosid briq. XR Bti granular-VectoBac G	1,620.00 270.00 0.30 0.40 4,100.00 2,100.00 0.60	SQ-F SQ-F AC AC SQ-F SQ-F AC
06/22/2012 07/09/2012 06/07/2012 06/07/2012 05/18/2012 05/18/2012 05/18/2012 05/21/2012	3.00 0.50 1.50 2.00 41.00 21.00 3.00 20.00 1.00 000456 : SN EE000	OZ OZ LB LB EA EA LB EA LB AMACKE	Bti granular-VectoBac G Bti granular-VectoBac G Vectomax CG Altosid briq. 30 day Altosid briq. XR Bti granular-VectoBac G Altosid briq. 30 day Bti granular-VectoBac G R RANCH SO. OF ANGORA CRK. WEST C OOLS ,DITCHES, MEADOW	1,620.00 270.00 0.30 0.40 4,100.00 2,100.00 0.60 2,000.00 0.20	SQ-F AC AC SQ-F SQ-F AC SQ-F AC SQ-F AC SQ-F AC

04/23/2012	2.00 LB	Vectomax CG	17,500.00 SQ-F
04/23/2012	10.00 EA	Altosid briq. XR	1,000.00 SQ-F
04/23/2012	20.00 EA	Altosid briq. 30 day	2,000.00 SQ-F

 Record:
 VS0000457
 UT RIVER WS FROM AMACKER REAR GATE TO SHAWNEE ST.

 Site Description:
 SNOW MELT POOLS ,DITCHES ,MEADOW,

 Assigned To:
 EE0000084 - KAREN BENDER

Activity Date: Treatment:

Treatment:

Activity Date:

04/23/2012	1.00 OZ	Vectomax CG	500.00	SQ-F
06/28/2012	0.50 OZ	Bti granular-VectoBac G	270.00	SQ-F
06/21/2012	1.00 EA	Altosid briq. 30 day	100.00	SQ-F
07/16/2012	5.00 OZ	Bti granular-VectoBac G	2,700.00	SQ-F
07/16/2012	5.00 EA	Altosid briq. 30 day	500.00	SQ-F
07/25/2012	2.00 OZ	Bti granular-VectoBac G	1,080.00	SQ-F
08/28/2012	2.00 OZ	Bti granular-VectoBac G	1,080.00	SQ-F
08/29/2012	2.00 OZ	Bti granular-VectoBac G	1,080.00	SQ-F
08/07/2012	1.00 LB	Bti granular-VectoBac G	0.20	AC

Record: VS0000458 UT RIVER WEST SIDE FROM SHAWNEE TO HWY. 50 Site Description: SNOW MELT POOLS, DITCHES,MARSH, MEADOW Assigned To: EE0000084 - KAREN BENDER

08/23/2012	0.50 OZ	Bti granular-VectoBac G	270.00	SQ-F
09/07/2012	2.00 OZ	Bti granular-VectoBac G	1,080.00	SQ-F
07/25/2012	1.00 LB	Bti granular-VectoBac G	0.20	AC
08/06/2012	0.50 LB	Bti granular-VectoBac G	0.10	AC
07/18/2012	0.50 OZ	Bti granular-VectoBac G	0.10	AC
07/18/2012	1.00 EA	Altosid briq. XR	100.00	SQ-F
06/20/2012	1.50 OZ	Bti granular-VectoBac G	810.00	SQ-F
07/03/2012	1.00 LB	Bti granular-VectoBac G	0.20	AC
07/03/2012	10.00 EA	Altosid briq. 30 day	1,000.00	SQ-F
07/03/2012	8.00 EA	Altosid briq. XR	800.00	SQ-F
05/09/2012	8.00 LB	Bti granular-VectoBac G	1.50	AC
05/10/2012	3.00 LB	Bti granular-VectoBac G	0.60	AC
05/10/2012	2.00 EA	Altosid briq. 30 day	200.00	SQ-F
05/10/2012	2.00 EA	Altosid briq. XR	200.00	SQ-F

Record: VS0000461 SAWMILL RD. NO. SIDE BETWEEN INCLINE RD. & HWY 50 Site Description: SNOW MELT POOL ,MARSH ,MEADOW ,DITCH, Assigned To: EE0000084 - KAREN BENDER

 Activity Date:
 Treatment:
 Treatment Area:

 04/20/2012
 2.00
 LB
 Bti granular-VectoBac G
 1,100.00
 SQ-F

 Record: VS0000464
 LAKE TAHOE GOLF COURSE UT RIVER TO COUNTRY CLUB

 Site Description:
 SNOW MELT POOLS ,POND MARSH ,MEADOW ,DITCH,

Assigned To: EE0000084 - KAREN BENDER

Activity Date: Treatment:

Treatment Area:

Activity Date:

04/09/2012	10.00 EA	Altosid briq. XR	1,000.00	SQFT
04/10/2012	3.00 EA	Altosid briq. XR	3,000.00	SQ-F
04/23/2012	2.00	Vectomax CG	17,500.00	SQ-F
04/23/2012	20.00 EA	Altosid briq. 30 day	5,000.00	SQ-F
04/23/2012	30.00 EA	Altosid briq. XR	5,000.00	SQ-F
05/30/2012	18.00 EA	Altosid briq. XR	1,800.00	SQ-F
05/30/2012	10.00 EA	Altosid briq. 30 day	1,000.00	SQ-F
05/30/2012	1.50 LB	Bti granular-VectoBac G	0.30	AC
07/02/2012	4.00 OZ	Bti granular-VectoBac G	2,160.00	SQ-F
07/02/2012	7.00 EA	Altosid briq. XR	700.00	SQFT
06/18/2012	12.00 OZ	Bti granular-VectoBac G	6,528.00	SQ-F
07/18/2012	0.50 LB	Bti granular-VectoBac G	0.10	AC
07/18/2012	0.50 LB	Vectomax CG	0.10	AC
07/18/2012	4.00 OZ	Bti granular-VectoBac G	2,160.00	SQ-F
07/18/2012	1.00 EA	Altosid briq. 30 day	100.00	SQ-F
07/18/2012	5.00 EA	Altosid briq. XR	500.00	SQ-F
09/19/2012	4.00 OZ	Bti granular-VectoBac G	2,160.00	SQ-F
08/29/2012	6.00 OZ	Bti granular-VectoBac G	3,240.00	SQ-F
08/07/2012	1.50 LB	Bti granular-VectoBac G	0.30	AC

DRAINAGE DITCH WEST OF SAN DIEGO AND BAKERFIELD ST Record: VS0000468 Site Description: SNOW MELT POOLS, DITCHES, EE0000084 - KAREN BENDER Assigned To:

20.00 EA 04/10/2012 Altosid briq. 30 day 2,000.00 SQ-F NORTH CORNER OF SAN DIEGO AND BAKERFIELD ST. Record: VS0000469 Site Description: SNOW MELT POOLS , DITCHES, EE0000084 - KAREN BENDER Assigned To: Activity Date: Treatment: **Treatment Area:** 04/10/2012 16.00 OZ Vectomax CG 4,300.00 SQ-F 04/16/2012 10.00 LB Bti granular-VectoBac G 2.00 AC 05/23/2012 10.00 OZ GB1111 1,200.00 SQ-F

Record: VS0000472 DRAINAGE BETWEEN SAN BERNARDINO & ARROWHEAD Site Description: SNOW MELT POOLS, DITCHES, EE0000084 - KAREN BENDER Assigned To:

Activity Date: Treatment Area: Treatment:

05/23/2012	15.00 EA	Altosid briq. XR

Treatment:

1,500.00 SQ-F

07/23/2012	0.50	ΟZ	Bti granular-VectoBac G	270.00 SQ-F
07/05/2012	2.00	EA	Altosid briq. 30 day	200.00 SQ-F

Record:VS0000475DRAINAGE TO SANTA FE RD. &ARAPHOE ST TO GOLF CO.Site Description:SNOW MELT POOLS ,MARSH ,MEADOW,DITCHES,Assigned To:EE0000084 - KAREN BENDER

Activity Date: Treatment:

08/01/2012	5.00 O	Z Bti granular-VectoBac G	2,700.00 SQ	-F
05/23/2012	2.00 E	A Altosid briq. 30 day	200.00 SQ	-F
05/23/2012	0.50 LE	B Bti granular-VectoBac G	0.10 AC	

Record: VS0000478 MEADOW, DRAINAGE BETWEEN SANTA FE & HWY 50 Site Description: SNOW MELT POOLS, MARSH , MEADOW, DITCHES, Assigned To: EE0000084 - KAREN BENDER

Activity Date: Treatment:

Activity Date:

Treatment:

05/23/2012 10.00 EA Altosid briq. 30 day 1,000.00 SQ-F 540.00 06/11/2012 1.00 ΟZ Bti granular-VectoBac G SQFT 07/05/2012 1.00 ΟZ 544.00 Bti granular-VectoBac G SQ-F ΕA 07/05/2012 2.00 Altosid briq. 30 day 200.00 SQ-F 06/25/2012 2.00 ΟZ Bti granular-VectoBac G 1,080.00 SQ-F 08/14/2012 2.00 ΟZ Bti granular-VectoBac G 1,080.00 SQ-F

Record: VS0000480 UT RIVER E SIDE FROM COUNTRY CLUB TO LOT 10. Site Description: SNOW MELT POOLS, DRAINS, MARSH, MEADOW, Assigned To: EE0000084 - KAREN BENDER

08/07/2012 0.50 LB Bti granular-VectoBac G 0.10 AC 07/05/2012 1.00 ΟZ Bti granular-VectoBac G 540.00 SQ-F 2.00 ΕA 200.00 SQ-F 07/25/2012 Altosid briq. 30 day 07/18/2012 1.00 ΟZ Bti granular-VectoBac G 540.00 SQ-F 07/18/2012 1.00 EΑ Altosid brig. XR 100.00 SQ-F 10.00 EA 1,000.00 SQ-F 04/10/2012 Altosid briq. 30 day

Record:VS0000481UT RIVER E SIDE ACROSS LOT 10 TO TRPA.Site Description:SNOW MELT POOL, MARSH, MEADOW,Assigned To:EE0000084 - KAREN BENDER

Activity Date:Treatment:Treatment Area:05/22/201210.00 EAAltosid brig. XR1,000.00 SQ-F

Treatment Area:

Treatment Area:

05/22/2012	8.00	EA	Altosid briq. 30 day	800.00	SQ-F
05/22/2012	1.00	LB	Bti granular-VectoBac G	0.20	AC
05/22/2012	1.50	LB	Vectomax CG	0.30	AC
07/25/2012	2.00	ΟZ	Bti granular-VectoBac G	1,080.00	SQ-F
07/05/2012	2.00	ΟZ	Bti granular-VectoBac G	1,080.00	SQ-F
08/07/2012	0.50	LB	Bti granular-VectoBac G	0.10	AC
08/29/2012	2.00	ΟZ	Bti granular-VectoBac G	1,080.00	SQ-F

Record: VS0000482 TRPA DRAINAGE AT WEST END AROUND BASEBALL FIELD. Site Description: SNOW MELT POOLS, MARSH, MEADOW, DITCH. Assigned To: EE0000084 - KAREN BENDER

05/22/2012	0.50 LB	Bti granular-VectoBac G	0.10	AC
05/22/2012	2.00 EA	Altosid briq. XR	200.00	SQ-F
05/22/2012	4.00 EA	Altosid briq. 30 day	400.00	SQ-F
04/10/2012	10.00 EA	Altosid briq. 30 day	1,000.00	SQ-F
04/20/2012	7.00 LB	Bti granular-VectoBac G	1.40	AC

 Record:
 VS0000500
 OSGOOD & WILDWOOD 1

 Site Description:
 BMP.

 Assigned To:
 EE0000084 - KAREN BENDER

Treatment:

Activity Date: Treatment:

Activity Date:

Treatment Area:

Treatment Area:

04/23/2012	3.00 EA	Altosid briq. 30 day	225.00	SQ-F
04/23/2012	4.00 OZ	Bti granular-VectoBac G	1,500.00	SQ-F
04/04/2012	2.00 OZ	Bti granular-VectoBac G	1,200.00	SQ-F
04/04/2012	2.00 EA	Altosid briq. 30 day	200.00	SQ-F
06/29/2012	3.00 OZ	GB1111	250.00	SQ-F
08/28/2012	10.00 EA	Altosid briq. 30 day	1,000.00	SQ-F
08/28/2012	10.00 OZ	GB1111	1,000.00	SQ-F

Record: VS0000503 JUNE LOOP MARSH Site Description: SNOW MELT POOLS, MARSH - BETWEEN SADDLE AND W200DS AVE. 1468 POND IN BACK YARD Assigned To: EE0000084 - KAREN BENDER

 Activity Date:
 Treatment:
 Treatment Area:

 04/23/2012
 2.00
 EA
 Altosid briq. 30 day
 150.00
 SQ-F

 Record:
 VS0000505
 SKI RUN & REGINA

 Site Description:
 STORM DRAIN ,DITCH

 Assigned To:
 EE0000084 - KAREN BENDER

Activity Date: Treatment:

04/23/2012	2.00	EA	Altosid briq. 30 day	100.00	SQ-F	
07/02/2012	0.25	OZ	Bti granular-VectoBac G	100.00	SQ-F	
07/30/2012	0.25	OZ	GB1111	20.00	SQ-F	
08/21/2012	0.25	OZ	GB1111	20.00	SQ-F	
Record: VS0 Site Description Assigned To:	n: WE EE000	ELL CASII 0084 - KAI	ER PARK AVE. & LAKESHORE BLVD V NG. REN BENDER			
Activity Date:	Ire	atment:		Treatment Ar	ea:	
07/25/2012	0.12	ΟZ	Bti granular-VectoBac G	25.00	SQ-F	
Record: VS0 Site Description Assigned To: Activity Date:	n: BN EE000	IP DITCH	AVE BMPS TO STATELINE AVE ALONG EAST SIDE REN BENDER	Treatment Ar	ea:	
				22.22		
07/25/2012	0.25	OZ	Bti granular-VectoBac G	30.00	SQ-F	
	0.25 0.25	OZ OZ	Bti granular-VectoBac G GB1111	25.00	SQ-F SQ-F	
07/25/2012 08/17/2012 09/26/2012		-				
08/17/2012 09/26/2012 Record: VS0 Site Description	0.25 2.00 000517 n: BM	OZ OZ OSGO IP.	GB1111	25.00	SQ-F	
08/17/2012 09/26/2012 Record: VS0 Site Description Assigned To:	0.25 2.00 000517 n: BM EE000	OZ OZ OSGO IP.	GB1111 Bti granular-VectoBac G OD & WILDWOOD #2	25.00	SQ-F SQ-F	
08/17/2012 09/26/2012 Record: VS0 Site Description Assigned To: Activity Date:	0.25 2.00 000517 n: BM EE000	OZ OZ OSGO IP. 0084 - KAI	GB1111 Bti granular-VectoBac G OD & WILDWOOD #2	25.00 400.00	SQ-F SQ-F	
08/17/2012 09/26/2012 Record: VS0 Site Description Assigned To: Activity Date: 06/29/2012	0.25 2.00 000517 n: BM EE000 Tre	OZ OZ OSGO IP. 0084 - KAP	GB1111 Bti granular-VectoBac G OD & WILDWOOD #2 REN BENDER	25.00 400.00 Treatment Ar	SQ-F SQ-F ea:	
08/17/2012 09/26/2012 Record: VS0 Site Description Assigned To: Activity Date: 06/29/2012 04/23/2012	0.25 2.00 000517 n: BM EE000 Tre 2.00	OZ OZ OSGO IP. 0084 - KAI eatment: OZ	GB1111 Bti granular-VectoBac G OD & WILDWOOD #2 REN BENDER Bti granular-VectoBac G	25.00 400.00 Treatment Ar 200.00	SQ-F SQ-F ea: SQ-F	
08/17/2012	0.25 2.00 000517 n: BM EE000 Tre 2.00 2.00	OZ OZ OSGO IP. 0084 - KAI eatment: OZ EA	GB1111 Bti granular-VectoBac G OD & WILDWOOD #2 REN BENDER Bti granular-VectoBac G Altosid briq. XR	25.00 400.00 Treatment Ar 200.00 200.00	SQ-F SQ-F ea: SQ-F SQ-F	
08/17/2012 09/26/2012 Record: VS0 Site Description Assigned To: Activity Date: 06/29/2012 04/23/2012 04/04/2012 05/31/2012	0.25 2.00 000517 n: BM EE000 Tre 2.00 2.00 4.00 2.00 000560 n: BM EE000	OZ OZ OSGO IP. 0084 - KAP eatment: OZ EA EA OZ OZ BODE IP	GB1111 Bti granular-VectoBac G OD & WILDWOOD #2 REN BENDER Bti granular-VectoBac G Altosid briq. XR Altosid briq. 30 day	25.00 400.00 Treatment Ar 200.00 200.00 400.00	SQ-F SQ-F SQ-F SQ-F SQ-F SQ-F SQ-F	
08/17/2012 09/26/2012 Record: VS0 Site Description Assigned To: Activity Date: 06/29/2012 04/23/2012 04/04/2012 05/31/2012 Record: VS0 Site Description Assigned To: Activity Date:	0.25 2.00 000517 n: BM EE000 Tre 2.00 2.00 4.00 2.00 000560 n: BM EE000 Tre	OZ OZ OSGO IP. 0084 - KAF eatment: OZ EA EA OZ BODE IP 0084 - KAF eatment:	GB1111 Bti granular-VectoBac G OD & WILDWOOD #2 REN BENDER Bti granular-VectoBac G Altosid briq. XR Altosid briq. 30 day Bti granular-VectoBac G & PIONEER BMP REN BENDER	25.00 400.00 Treatment Ar 200.00 200.00 400.00 800.00	SQ-F SQ-F SQ-F SQ-F SQ-F SQ-F SQ-F SQ-F	
08/17/2012 09/26/2012 Record: VS0 Site Description Assigned To: Activity Date: 06/29/2012 04/23/2012 04/04/2012 05/31/2012 Record: VS0 Site Description Assigned To:	0.25 2.00 000517 n: BM EE000 Tre 2.00 2.00 4.00 2.00 000560 n: BM EE000	OZ OZ OSGO IP. 0084 - KAI eatment: OZ EA EA OZ BODE IP 0084 - KAI	GB1111 Bti granular-VectoBac G OD & WILDWOOD #2 REN BENDER Bti granular-VectoBac G Altosid briq. XR Altosid briq. 30 day Bti granular-VectoBac G & PIONEER BMP	25.00 400.00 Treatment Ar 200.00 200.00 400.00 800.00	SQ-F SQ-F SQ-F SQ-F SQ-F SQ-F SQ-F	

Record:VS0000563RALPHSite Description:DITCHAssigned To:EE0000084 - KAREN BENDER

Activity Date:	Trea	tment:		Treatment Are	ea:
07/31/2012	2.00	OZ	Bti granular-VectoBac G	500.00	SQ-F
07/03/2012	2.00	OZ	Bti granular-VectoBac G	750.00	SQ-F
06/06/2012	2.00	OZ	Bti granular-VectoBac G	750.00	SQFT
Record: VS00 Site Description Assigned To: Activity Date:	: BMP EE00000)	H BMP REN BENDER	Treatment Are	ea:
07/31/2012	1.50	OZ	GB1111	75.00	SQ-F
Record: VS00 Site Description Assigned To: Activity Date:	: DRA EE00000	INAGE	ESON PUMP HOUSE DITCH REN BENDER	Treatment Are	ea:
08/01/2012	0.25	oz	Bti granular-VectoBac G	60.00	SQ-F
10/05/2012	0.25	OZ	Bti granular-VectoBac G	60.00	SQ-F
09/05/2012	0.25	OZ	Bti granular-VectoBac G	60.00	SQ-F
Record: VS00 Site Description Assigned To:	: BMP)	ENS #2 BEHIND #3841 TO PIONEER REN BENDER		
Activity Date:	Trea	tment:		Treatment Are	ea:
09/05/2012	2.00	EA	Altosid briq. 30 day	200.00	SQ-F
10/05/2012	1.00	OZ	Bti granular-VectoBac G	400.00	SQ-F
07/19/2012	2.00	EA	Altosid briq. XR	150.00	SQ-F
07/05/2012	6.00	OZ	GB1111	600.00	SQ-F
07/05/2012	0.10	OZ	Bti granular-VectoBac G	50.00	SQ-F
Record: VS00 Site Description Assigned To: Activity Date:	: BMP EE00000)	WAY PARKING LOT REN BENDER	Treatment Are	ea:
08/01/2012	0.25	OZ	Bti granular-VectoBac G	40.00	SQ-F
06/06/2012	26.00	EA	Altosid briq. 30 day	2,600.00	SQFT

COLD CREEK DRAINAGE TO BOTTOM OF HILL Record: VS0000587 DRAINAGE DITCH

Site Description: EE0000084 - KAREN BENDER Assigned To: Activity Date: Treatment: **Treatment Area:** 200.00 SQ-F 06/08/2012 1.00 ΟZ Bti granular-VectoBac G Record: VS0000588 PIONEER TRAIL BMP AT TROUT CREEK Site Description: BMP EE0000084 - KAREN BENDER Assigned To: Activity Date: Treatment: **Treatment Area:** 06/08/2012 3.00 ΟZ GB1111 300.00 SQ-F TAHOE PARADISE REC AREA LAKE BARON SO. END Record: VS0000593 Site Description: SNOW MELT, POOL, POND (STILL) EE0000084 - KAREN BENDER Assigned To: Activity Date: Treatment: **Treatment Area:** 05/03/2012 10.00 LB Vectomax CG 1.00 AC 06/22/2012 0.50 270.00 SQ-F ΟZ Bti granular-VectoBac G Record: VS0000594 UPPER TRUCKEE EAST SIDE FROM TRPA -HWY 50 BRIDGE

Site Description: SNOW MELT POOLS, DRAINS, RIVER SHRINKAGE EE0000084 - KAREN BENDER Assigned To:

Activity Date: Treatment:

06/22/2012	0.50 LB	Bti granular-VectoBac G	0.10	AC
07/05/2012	1.00 OZ	Bti granular-VectoBac G	540.00	SQ-F
07/05/2012	1.00 EA	Altosid briq. XR	100.00	SQ-F
08/06/2012	0.50 LB	Bti granular-VectoBac G	0.10	AC
07/25/2012	0.50 LB	Bti granular-VectoBac G	0.10	AC
07/18/2012	3.00 OZ	Bti granular-VectoBac G	1,620.00	SQ-F
05/02/2012	3.00 LB	Vectomax CG	0.60	AC
06/08/2012	1.50 LB	Bti granular-VectoBac G	0.30	AC
09/07/2012	1.00 OZ	Bti granular-VectoBac G	540.00	SQ-F

Record: VS0000600 SNOWDUMP SIGHT Site Description: **BMP DRAINAGE DITCH** EE0000084 - KAREN BENDER Assigned To:

Activity Date: Treatment: **Treatment Area:**

Treatment Area:

Bti granular-VectoBac G 09/25/2012 16.00 OZ

SQ-F 4,000.00

Record:VS0000604LEWIS & GLENWOODSite Description:SNOWMELT POOLSDRAINAGEAssigned To:EE0000084 - KAREN BENDER

Activity Date:	Trea	atment:		Treatment Are	a:
06/06/2012	0.05	OZ	Bti granular-VectoBac G	15.00	SQFT
Record: VS000 Site Description: Assigned To:	MA		MEADOW @ LILLY AVE TO THE BEACH DOW, DITCH N BENDER		
Activity Date:	Trea	atment:		Treatment Are	a:
07/19/2012	2.00	OZ	Bti granular-VectoBac G	1,000.00	SQ-F
07/11/2012	10.00	LB	Bti granular-VectoBac G	1.00	AC
07/11/2012	20.00	LB	Bti granular-VectoBac G	4.00	AC
07/11/2012	7.00	LB	Bti granular-VectoBac G	1.50	AC
08/10/2012	14.00	EA	Altosid briq. XR	1,250.00	SQ-F
Record: VS000 Site Description: Assigned To: Activity Date:	PO EE0000		ILLAC HISTORICAL PATH .4Mi S/SIDE - PO	OL Treatment Are	a:
08/10/2012	14.00	EA	Altosid briq. XR	1,250.00	SQ-F
Record: VS000 Site Description: Assigned To:	ME	MOTTOL ADOW MAF 2084 - KAREI			
Activity Date:	Trea	atment:		Treatment Are	a:
05/31/2012	4.50	OZ	GB1111	500.00	SQ-F
05/14/2012	0.33	GAL	GB1111	1,000.00	SQ-F
J	PO EE0000	OLS, MARS 0084 - KAREI	D. SPRING CREEK TRACT POOLS SH, MEADOW, DITCH, POOL PAST WATER N BENDER	TANKS AT TOP	
Activity Date:	Irea	atment:		Treatment Are	a:
05/14/2012	0.33	GAL	GB1111	1,000.00	SQ-F
Record: VS000 Site Description: Assigned To:	PO	KIVA BEA OLS, MEAD 2084 - KAREI		NG PATH	

Activity Date: Treatment:

06/13/2012	0.50	OZ	GB1111	34.00	SQFT
06/12/2012	1.00	OZ	Bti granular-VectoBac G	545.00	SQFT
Record: VS(Site Descriptio Assigned To:	on: *N		ISITOR CENTER MARSH/MDW & RIV ADOW, DITCH EN BENDER	ER OVER FLOW	
Activity Date	: Tre	eatment:		Treatment Are	ea:
07/05/2012	0.50	LB	Bti granular-VectoBac G	0.10	AC
07/25/2012	1.00	LB	Bti granular-VectoBac G	0.20	AC
Record: VS(Site Descriptio Assigned To: Activity Date	n: * D EE000		9 TAYLOR CREEK OVERFLOW BEHI DOW , MARSH IN BENDER	ND PUMP STATION	ea:
05/24/2012	2.00	OZ	Bti granular-VectoBac G	16.00	SQ-F
-					
Record: VS(Site Description Assigned To:	n: ME		LEAF RD. FREDRICK'S MEADOW ARSH, DITCH EN BENDER		
Site Descriptio	n: ME EE000	EADOW, MA	ARSH, DITCH	Treatment Are	ea:
Site Descriptio Assigned To:	n: ME EE000	EADOW, MA 0084 - KARE	ARSH, DITCH	Treatment Are 1,575.00	ea: SQ-F
Site Descriptio Assigned To: Activity Date	n: ME EE000 : Tre <u>3.00</u> 0000640 n: PC	EADOW, MA 0084 - KARE eatment: OZ	ARSH, DITCH EN BENDER Vectomax CG LEAF RD 1/4MI PAST ANGORA RD L	1,575.00	
Site Descriptio Assigned To: Activity Date 05/01/2012 Record: VS0 Site Descriptio	n: ME EE000 : Tre 3.00 0000640 n: PC EE000	EADOW, MA 0084 - KARE eatment: OZ FALLEN DOLS	ARSH, DITCH EN BENDER Vectomax CG LEAF RD 1/4MI PAST ANGORA RD L	1,575.00	SQ-F
Site Description Assigned To: Activity Date 05/01/2012 Record: VS0 Site Description Assigned To:	n: ME EE000 : Tre 3.00 0000640 n: PC EE000	EADOW, MA 0084 - KARE eatment: OZ FALLEN OOLS 0084 - KARE eatment:	ARSH, DITCH EN BENDER Vectomax CG LEAF RD 1/4MI PAST ANGORA RD L	1,575.00 AKE TURN OFF	SQ-F
Site Description Assigned To: Activity Date 05/01/2012 Record: VS0 Site Description Assigned To: Activity Date 05/24/2012	n: ME EE000 : Tre <u>3.00</u> 0000640 n: PC EE000 : Tre <u>0.10</u> 0000645 n: PC	EADOW, MA 0084 - KARE eatment: OZ FALLEN OOLS 0084 - KARE eatment: OZ	Vectomax CG Vectomax CG LEAF RD 1/4MI PAST ANGORA RD L EN BENDER GB1111 ORD CAMP POOLS @ TOP BY WATER H	1,575.00 AKE TURN OFF Treatment Are 100.00	SQ-F
Site Description Assigned To: Activity Date 05/01/2012 Record: VS0 Site Description Assigned To: Activity Date 05/24/2012 Record: VS0 Site Description	n: ME EE000 : Tre 3.00 0000640 n: PC EE000 : Tre 0.10 0000645 n: PC EE000	EADOW, MA 0084 - KARE eatment: OZ FALLEN OOLS 0084 - KARE eatment: OZ STANFO OOLS. DITC	Vectomax CG Vectomax CG LEAF RD 1/4MI PAST ANGORA RD L EN BENDER GB1111 ORD CAMP POOLS @ TOP BY WATER H	1,575.00 AKE TURN OFF Treatment Are 100.00	SQ-F ea: SQ-F
Site Description Assigned To: Activity Date 05/01/2012 Record: VS0 Site Description Assigned To: Activity Date 05/24/2012 Record: VS0 Site Description Assigned To:	n: ME EE000 : Tre 3.00 0000640 n: PC EE000 : Tre 0.10 0000645 n: PC EE000	EADOW, MA 0084 - KARE eatment: OZ FALLEN 00LS 0084 - KARE eatment: OZ STANFO 00LS. DITCI 0084 - KARE eatment:	Vectomax CG Vectomax CG LEAF RD 1/4MI PAST ANGORA RD L IN BENDER GB1111 ORD CAMP POOLS @ TOP BY WATEF H IN BENDER	1,575.00 AKE TURN OFF Treatment Are 100.00 R TREATMENT FAC Treatment Are	SQ-F ea: SQ-F
Site Description Assigned To: Activity Date 05/01/2012 Record: VSC Site Description Assigned To: Activity Date 05/24/2012 Record: VSC Site Description Assigned To: Activity Date	n: ME EE000 : Tre 3.00 0000640 n: PC EE000 : Tre 0.10 0000645 n: PC EE000 : Tre	EADOW, MA 0084 - KARE eatment: OZ FALLEN OOLS 0084 - KARE eatment: OZ STANFO DOLS. DITCI 0084 - KARE	Vectomax CG Vectomax CG LEAF RD 1/4MI PAST ANGORA RD L EN BENDER GB1111 ORD CAMP POOLS @ TOP BY WATER H	1,575.00 AKE TURN OFF Treatment Arc 100.00 R TREATMENT FAC	SQ-F ea: SQ-F

Record: VS0000646 LILLY LAKE RD. 1/2 MI TO LAKE FROM RAINBOW BRIDGE Site Description: POOL EE0000084 - KAREN BENDER Assigned To: **Treatment Area:** Activity Date: Treatment: 05/24/2012 0.20 ΟZ GB1111 1,000.00 SQ-F Record: VS0000650 ANGORA RIDGE RD. MEADOW ON EAST SIDE (LEFT SIDE) Site Description: * MEADOW, MARSH, DITCH EE0000084 - KAREN BENDER Assigned To: Activity Date: Treatment: **Treatment Area:** Bti granular-VectoBac G 5,040.00 SQ-F 05/21/2012 20.00 OZ 04/22/2012 3.00 GAL GB1111 2.50 AC 2.50 AC 04/22/2012 12.00 LB Bti granular-VectoBac G Record: VS0000651 ANGORA RIDGE RD-FROM MEADOW 1/2 MI TOWARD LOOKOUT Site Description: DITCH, MEADOW EE0000084 - KAREN BENDER Assigned To: Activity Date: **Treatment Area:** Treatment: GB1111 1,500.00 SQ-F 05/21/2012 3.00 ΟZ Record: VS0000654 CATHEDRAL RD. 100 YRDS PAST SNOW PARK P-LOT ON R Site Description: MEADOW, MARSH, DITCH Assigned To: EE0000084 - KAREN BENDER Activity Date: Treatment: **Treatment Area:** 2,625.00 05/03/2012 5.00 ΟZ Vectomax CG SQ-F 05/03/2012 2.00 EA Altosid brig. 30 day 1.500.00 SQ-F CATHEDRAL RD. SNOW PARK EXIT 2ND MEADOW BOTH SIDES Record: VS0000656 Site Description: MEADOW, DITCH EE0000084 - KAREN BENDER Assigned To: Activity Date: Treatment: **Treatment Area:** 05/24/2012 0.20 ΟZ GB1111 100.00 SQ-F CATHEDRAL RD. TO OLD MILL THROUGH GREEN GATE Record: VS0000660 Site Description: MEADOW, DITCH Assigned To: EE0000084 - KAREN BENDER

Activity Date: Treatment:

Treatr	nen		story		
05/24/2012	2.00	EA	Altosid briq. XR	100.00	SQ-F
Record: VS0 Site Description Assigned To: Activity Date:	EE000	ARSH, PO	WIN BEACH MARSH AND POOLS ALONG BEA OLS REN BENDER	ACH Treatment Are	a.
Activity Date.	iie			freatment Are	a.
04/30/2012	3.00	EA	Altosid briq. XR	300.00	SQ-F
07/25/2012	3.00	OZ	Bti granular-VectoBac G	1,500.00	SQ-F
Record: VS0 Site Descriptior Assigned To: Activity Date:	EE000	TCH, MEA	ADE CREEK TRACT CASCADE LAKE SIDE ADOW REN BENDER	Treatment Are	a:
04/30/2012	6.00 4.00	OZ EA	Vectomax CG Altosid briq. 30 day	3,100.00 3,100.00	SQ-F SQ-F
Site Description Assigned To:	EE000		REN BENDER	Treatment Are	a.
Activity Date:	Ire	atment.		freatment Are	a.
05/18/2012	2.00	EA	Altosid briq. 30 day	200.00	SQ-F
07/27/2012	0.50	OZ	Bti granular-VectoBac G	250.00	SQ-F
07/17/2012	1.00	OZ	Bti granular-VectoBac G	500.00	SQ-F
08/20/2012	1.00	OZ	Bti granular-VectoBac G	500.00	SQ-F
09/24/2012	1.00	EA	Altosid briq. 30 day	100.00	SQ-F
Record: VS0 Site Descriptior	000683		HER LN. DRAINAGE ACROSS FROM #686 PAI	NTHER	
Assigned To:	EE000	0084 - KAF	REN BENDER		
•	EE000		REN BENDER	Treatment Are	a:
Assigned To:	EE000	0084 - KAF	REN BENDER Altosid briq. 30 day	Treatment Are 300.00	a: SQ-F
Assigned To: Activity Date:	EE000	0084 - KAF eatment:			
Assigned To: Activity Date: 09/24/2012	EE000 Tre <u>3.00</u> 5.00 000684 n: BM	0084 - KAF eatment: EA OZ GARDI IP, RET PO	Altosid briq. 30 day Bti granular-VectoBac G NER ST. & WENTWORTH LN. EMPTY LOT	300.00	SQ-F
Assigned To: Activity Date: 09/24/2012 04/25/2012 Record: VS0 Site Description	EE000 Tre 3.00 5.00 000684 n: BM EE000	0084 - KAF eatment: EA OZ GARDI IP, RET PO	Altosid briq. 30 day Bti granular-VectoBac G NER ST. & WENTWORTH LN. EMPTY LOT OND	300.00	SQ-F SQ-F

	1.00	07	Bti granular-VectoBac G	500.00	SQ-F
07/17/2012	1.00	OZ		000:00	
07/27/2012	0.50	OZ	Bti granular-VectoBac G	250.00	SQ-F
06/29/2012	0.50	OZ	GB1111	50.00	SQ-F
06/29/2012	1.00	OZ	Bti granular-VectoBac G	500.00	SQ-F
09/24/2012	3.00	EA	Altosid briq. 30 day	300.00	SQ-F
08/30/2012	1.00	EA	Altosid briq. 30 day	100.00	SQ-F
Record: VS(Site Descriptio Assigned To: Activity Date:	n: BM EE000	P, DRAIN	NER ST DRAINAGE DITCH NEXT TO IAGE DITCH REN BENDER	● & BEHIND #594 Treatment Are	a:
04/25/2012	5.00	OZ	Bti granular-VectoBac G	16,250.00	SQ-F
-	EE000	0084 - KAF atment:		Treatment Are	a:
-				Treatment Are	a:
Activity Date:		atment:	Bti granular-VectoBac G	Treatment Are 16,250.00	a: SQ-F
Activity Date: 04/25/2012 Record: VSC Site Descriptio Assigned To:	5.00 5.00 0000690 n: SW EE000	OZ GLOR /AMP, DIT 0084 - KAP	Bti granular-VectoBac G	16,250.00 NED HOUSE #928	SQ-F
Activity Date: 04/25/2012 Record: VSC Site Descriptio Assigned To:	5.00 5.00 0000690 n: SW EE000	atment: OZ GLORI /AMP, DIT	Bti granular-VectoBac G ENE AVE. SWAMP NEXT TO ABANDO	16,250.00	SQ-F
Activity Date: 04/25/2012 Record: VSC Site Descriptio Assigned To: Activity Date:	5.00 0000690 n: SW EE000 Tre	atment: OZ GLORI /AMP, DIT 0084 - KAF atment:	Bti granular-VectoBac G ENE AVE. SWAMP NEXT TO ABANDO CH REN BENDER	16,250.00 NED HOUSE #928 Treatment Are	SQ-F
Activity Date: 04/25/2012 Record: VSC Site Descriptio Assigned To: Activity Date: 07/27/2012	5.00 5.00 0000690 n: SW EE000	OZ GLOR /AMP, DIT 0084 - KAP	Bti granular-VectoBac G ENE AVE. SWAMP NEXT TO ABANDO	16,250.00 NED HOUSE #928	SQ-F
Assigned To: Activity Date: 04/25/2012 Record: VSC Site Descriptio Assigned To: Activity Date: 07/27/2012 07/16/2012 Record: VSC Site Descriptio Assigned To: Activity Date:	Tre 5.00 0000690 n: SW EE000 Tre 0.50 3.00 0000694 n: BM EE000	atment: OZ GLORI /AMP, DIT 0084 - KAF atment: OZ OZ HWY # P, DRAIN 0084 - KAF	Bti granular-VectoBac G ENE AVE. SWAMP NEXT TO ABANDO CH REN BENDER Bti granular-VectoBac G	16,250.00 NED HOUSE #928 Treatment Are 250.00 1,500.00	SQ-F a: SQ-F SQ-F
Activity Date: 04/25/2012 Record: VSC Site Descriptio Assigned To: Activity Date: 07/27/2012 07/16/2012 Record: VSC Site Descriptio Assigned To:	Tre 5.00 0000690 n: SW EE000 Tre 0.50 3.00 0000694 n: BM EE000	atment: OZ GLORI /AMP, DIT 0084 - KAF atment: OZ OZ HWY # P, DRAIN	Bti granular-VectoBac G ENE AVE. SWAMP NEXT TO ABANDO CH REN BENDER Bti granular-VectoBac G Bti granular-VectoBac G	16,250.00 NED HOUSE #928 Treatment Are 250.00 1,500.00	SQ-F a: SQ-F SQ-F
Activity Date: 04/25/2012 Record: VSC Site Descriptio Assigned To: Activity Date: 07/27/2012 07/16/2012 Record: VSC Site Descriptio	Tre 5.00 0000690 n: SW EE000 Tre 0.50 3.00 0000694 n: BM EE000	atment: OZ GLORI (AMP, DIT 0084 - KAF atment: OZ OZ HWY # P, DRAIN 0084 - KAF atment:	Bti granular-VectoBac G ENE AVE. SWAMP NEXT TO ABANDO CH REN BENDER Bti granular-VectoBac G Bti granular-VectoBac G	16,250.00 NED HOUSE #928 Treatment Are 250.00 1,500.00	SQ-F a: SQ-F SQ-F
Activity Date: 04/25/2012 Record: VSC Site Descriptio Assigned To: Activity Date: 07/27/2012 07/16/2012 Record: VSC Site Descriptio Assigned To: Activity Date:	Tre 5.00 0000690 n: SV EE0000 Tre 0.50 3.00 0000694 n: BM EE0000 Tre	atment: OZ GLORI (AMP, DIT 0084 - KAF atment: OZ OZ HWY # P, DRAIN 0084 - KAF atment:	Bti granular-VectoBac G ENE AVE. SWAMP NEXT TO ABANDO CH REN BENDER Bti granular-VectoBac G Bti granular-VectoBac G 889 (N SIDE) BMP ACROSS FROM 8TH AGE DITCH REN BENDER	16,250.00 NED HOUSE #928 Treatment Are 250.00 1,500.00 H ST- TO JAMES Treatment Are	SQ-F a: SQ-F SQ-F a:

Site Description: DITCH, BMP

Assigned To: EE0000084 - KAREN BENDER

Activity Date: Treatment:

08/24/2012	1.00	EA	Altosid briq. 30 day	100.00 SQ-F
09/19/2012	1.00	EA	Altosid briq. 30 day	100.00 SQ-F
05/23/2012	3.00	ΟZ	Vectomax CG	1,500.00 SQ-F
07/24/2012	0.50	ΟZ	Bti granular-VectoBac G	250.00 SQ-F

Record: VS0000697 13TH ST & ELOISE RET POND 30YDS FROM DEAD END ON R Site Description: RET POND Assigned To: EE0000084 - KAREN BENDER

Activity Date: Treatment:

06/29/2012	1.00 OZ	Bti granular-VectoBac G	500.00 SQ-F
06/29/2012	0.50 OZ	GB1111	50.00 SQ-F
05/23/2012	3.00 OZ	Bti granular-VectoBac G	1,500.00 SQ-F
05/23/2012	1.00 EA	Altosid briq. 30 day	100.00 SQ-F
04/20/2012	95.00 OZ	Vectomax CG	50,000.00 SQ-F
08/24/2012	1.00 EA	Altosid briq. 30 day	100.00 SQ-F

Record: VS0000698 ELOISE & 5TH BY SIERRA PAC POWER CO. MEADOW Site Description: BMP

Assigned To: EE0000084 - KAREN BENDER

Activity Date: Treatment:

08/24/2012	1.00 EA	Altosid briq. 30 day	100.00 SQ-F

 Record:
 VS0000701
 MC DONALDS BMP/CATCH BASINS

 Site Description:
 BMP DRAINAGE TOWARD

 Assigned To:
 EE0000084 - KAREN BENDER

Activity Date: Treatment:

08/28/2012	1.75 Ož	Z GB1111	115.00	SQ-F	
08/28/2012	6.00 EA	A Altosid briq. 30 day	115.00	SQ-F	
08/16/2012	1.00 Ož	Z GB1111	100.00	SQ-F	
05/31/2012	2.00 Ož	Z Bti granular-VectoBac G	750.00	SQ-F	

Record:VS0000702FANTASY INNSite Description:BMPAssigned To:EE0000084 - KAREN BENDER

Activity Date: Treatment:

Treatment Area:

Treatment Area:

Treatment Area:

05/31/2012	16.00 EA	Altosid briq. XR	1,700.00 SQ-F
08/28/2012	11.00 EA	Altosid briq. 30 day	1,000.00 SQ-F
08/28/2012	11.00 OZ	GB1111	1,000.00 SQ-F

Record: VS0000703 CHEVRON STATION Site Description: BMP Assigned To: EE0000084 - KAREN BENDER

Activity Date:

Treatment:

Treatment Area: Activity Date: Treatment: 08/16/2012 1.00 ΟZ Bti granular-VectoBac G 300.00 SQ-F 06/29/2012 2.00 ΟZ GB1111 200.00 SQ-F Record: VS0000704 1048 SKI RUN BLVD Site Description: BMP Assigned To: EE0000084 - KAREN BENDER Activity Date: Treatment: **Treatment Area:** 06/29/2012 5.00 ΟZ Bti granular-VectoBac G 400.00 SQ-F 07/19/2012 2.00 ΟZ Bti granular-VectoBac G 600.00 SQ-F Record: VS0000708 ROGER & FIFTH ST. IN P-LOT Site Description: * RET POND EE0000084 - KAREN BENDER Assigned To: **Treatment Area:** Activity Date: Treatment: SQ-F Bti granular-VectoBac G 250.00 07/27/2012 0.50 ΟZ 06/29/2012 1.00 ΟZ GB1111 100.00 SQ-F SQ-F 06/29/2012 3.00 ΟZ Bti granular-VectoBac G 1,500.00 1.00 ΟZ Bti granular-VectoBac G 500.00 07/02/2012 SQ-F 06/22/2012 3.00 ΟZ Bti granular-VectoBac G 1,635.00 SQFT 06/22/2012 1.00 ΟZ GB1111 75.00 SQFT Record: VS0000709 **BEACHER BMP/catch basins** Site Description: BMP DRAINAGE TOWARD RIVER EE0000084 - KAREN BENDER Assigned To: Activity Date: **Treatment Area:** Treatment: 08/07/2012 GB1111 30.00 SQ-F 0.50 ΟZ SPRINGWOOD DR. BEHIND HOUSES @ #2875 Record: VS0000714 Site Description: MEADOW, RET PONDS Assigned To: EE0000084 - KAREN BENDER

04/24/2012 5.00 ΟZ Bti liquid-VectoBac 12 AS 16,250.00 SQ-F 04/24/2012 1.50 ΟZ Bti liquid-VectoBac 12 AS 4,100.00 SQ-F 05/07/2012 3.00 Bti liquid-VectoBac 12 AS 8,600.00 SQ-F ΟZ

Record:VS0000715TROUT CREEK WESTERN SIDESSite Description:SNOWMELT POOLS MEADOWSAssigned To:EE0000084 - KAREN BENDER

Activity Date:	Treatment:
----------------	------------

Treatment Area:

05/01/2012	1.00 LB	Bti granular-VectoBac G	0.20	AC
04/10/2012	0.50 OZ	Bti granular-VectoBac G	250.00	SQ-F
06/11/2012	0.25 OZ	Bti granular-VectoBac G	30.00	SQ-F
05/18/2012	0.50 OZ	Bti granular-VectoBac G	150.00	SQ-F
07/26/2012	0.25 OZ	Bti granular-VectoBac G	20.00	SQ-F
07/26/2012	0.25 OZ	GB1111	20.00	SQ-F

Record:	VS000	0717	COLUMBINE TRAIL
Site Desci	ription:	TRO	UT CREEK POOLS
Assigned	To: E	E00000	084 - KAREN BENDER

Activity Date: Treatment:

Treatment Area:

07/10/2012	0.50	ΟZ	GB1111	40.00 SQ-F
05/21/2012	0.25	GAL	GB1111	1,000.00 SQ-F
04/10/2012	2.00	OZ	Vectomax CG	600.00 SQ-F

Record: VS0000723 DOVER & E. VENICE DR. DITCH @ END OF DOVER Site Description: DRAINAGE DITCH Assigned To: EE0000084 - KAREN BENDER

Activity Date: Treatment:

Treatment Area:

06/28/2012	1.00 OZ	Bti granular-VectoBac G	500.00 SQ-F	
07/27/2012	4.00 OZ	Bti granular-VectoBac G	2,000.00 SQ-F	
07/17/2012	1.50 OZ	Bti granular-VectoBac G	750.00 SQ-F	
08/08/2012	4.00 OZ	Bti granular-VectoBac G	2,000.00 SQ-F	
08/21/2012	1.00 OZ	Bti granular-VectoBac G	500.00 SQ-F	
11/10/2012	15.00 EA	Altosid briq. XR	1,500.00 SQ-F	

 Record:
 VS0000729
 GLORENE AVE N SIDE ACROSS FROM 928 TO HWY 89 & P/O

 Site Description:
 DRAINAGE DITCH, SWAMP

 Assigned To:
 EE0000084 - KAREN BENDER

Activity Date:	Treatment:	Treatment Area:		
08/20/2012	1.00 OZ	Bti granular-VectoBac G	500.00	SQ-F

Treatment:

Record: VS0000732 KICKAPOO ST.EAST OF UPPER TRUCKEE RD Site Description: SNOW MELT POOLS DITCHES.

Assigned To: EE0000084 - KAREN BENDER

Activity Date:	Treatment:		Treatment Area:	
07/02/2012	0.50 OZ	Bti granular-VectoBac G	270.00 SQ-F	
06/05/2012	1.00 OZ	Bti granular-VectoBac G	550.00 SQF1	-

Record: VS0000738 DRAINAGE FROM FENCE TOWARD ASPEN SITE Site Description: DRAINAGE DITCH FROM FENCED ARE ALONG WILLOWS TOWARD ASPEN Assigned To: EE0000084 - KAREN BENDER

05/02/2012	0.25	ΟZ	Bti granular-VectoBac G	100.00	SQ-F
04/16/2012	2.00	LB	Bti granular-VectoBac G	0.30	AC
04/16/2012	6.00	EA	Altosid briq. 30 day	600.00	SQ-F
07/20/2012	3.00	ΟZ	GB1111	275.00	SQ-F
07/20/2012	3.00	EA	Altosid briq. 30 day	275.00	SQ-F
09/27/2012	0.25	ΟZ	Bti granular-VectoBac G	60.00	SQ-F

Record: VS0000740 AIRPORT FENCE NORTH TOWARD LEDBETTERS FENCE Site Description: POOLS AND DRAINAGE ALONG TREES AND WILLOWS Assigned To: EE0000084 - KAREN BENDER

Activity Date: Treatment:

Activity Date:

Treatment Area:

Treatment Area:

07/20/2012	0.50 OZ	GB1111	40.00	SQ-F
04/16/2012	11.00 LB	Bti granular-VectoBac G	2.00	AC
04/19/2012	19.00 EA	Altosid briq. XR	2,000.00	SQ-F
05/07/2012	12.00 LB	Bti granular-VectoBac G	1.50	AC
05/22/2012	2.00 OZ	Bti granular-VectoBac G	500.00	SQ-F
05/22/2012	2.00 EA	Altosid briq. XR	200.00	SQ-F

Record: VS0000752 ZUNI ST. WS UT RD FOUND AND DRAINAGE Site Description:

Assigned To: EE0000084 - KAREN BENDER

Activity Date:	Treatment:		Treatment Area:	
06/28/2012	0.50 OZ	Bti granular-VectoBac G	270.00 SQ-F	
06/14/2012	0.50 OZ	Bti granular-VectoBac G	270.00 SQFT	

Record:VS0000781REGINA TO NEEDLE PEAKSite Description:DITCH' MEADOWAssigned To:EE0000084 - KAREN BENDER

Activity Date: Treatment:		Treatment Are	ea:
06/06/2012 0.20 OZ	Bti granular-VectoBac G	75.00	SQFT
	EAST- SOURCES, HOLES 9-12, AND 1 CKEE RIVER MARGINS, SNOW MELT REN BENDER		
Activity Date: Treatment:		Treatment Are	ea:
04/09/2012 3.00 EA	Altosid briq. XR	300.00	SQ-F
Record: VS0000997 Tahoma Site Description: Ditch,snowma Assigned To: EE0000084 - KAR	•		
Activity Date: Treatment:		Treatment Are	ea:
05/30/2012 1.00 LB	Bti granular-VectoBac G	0.20	AC
Record: VS0000999 Tahoma Site Description: Ditches, snov Assigned To: EE0000084 - KAR	•	South.	
Activity Date: Treatment:		Treatment Are	ea:
05/04/2012 8.00 EA	Altosid briq. XR	800.00	SQ-F
	a. Norfolk Woods Lodge. 6941 HWY 89 ool. Abandoned. REN BENDER	at Pine St.	
Activity Date: Treatment:		Treatment Are	ea:
04/30/2012 5.00 EA	Altosid briq. XR	500.00	SQFT
Record: VS0001002 Tahoma Site Description: Swimming po Assigned To: EE0000084 - KAR		7030 Hwy 89.	
Activity Date: Treatment:		Treatment Are	ea:
04/30/2012 2.00 EA	Altosid briq. XR	200.00	SQ-F
	Sugar Pine Point. Is. Lake front pools. REN BENDER		
Activity Date: Treatment:		Treatment Are	ea:

06/21/2012	0.50	OZ	Bti granular-VectoBac G	150.00	SQ-F
07/18/2012	0.50	OZ	Bti granular-VectoBac G	150.00	SQ-F
08/16/2012	1.00	EA	Altosid briq. 30 day	20.00	SQ-F
Record: VS00 Site Description Assigned To:	1:	C.S.P. Vi 0084 - KARE	kingsholm. Eagle Creek Drainage at HV	VY 89.	
Activity Date:	Tre	atment:		Treatment Are	a:
06/20/2012	0.25	OZ	Bti granular-VectoBac G	30.00	SQ-F
Record: VS00 Site Description Assigned To:	: Flo		ay Meadow. arsh,swamp and pools. N BENDER		
Activity Date:	Tre	eatment:		Treatment Are	ea:
05/00/0040	40.00			4 70	
05/08/2012	10.00	LB	Bti granular-VectoBac G	1.70	AC
Record: VS00 Site Description Assigned To:	: Dra		Bay areas. d,lake front pools N BENDER		
Activity Date:	Tre	atment:		Treatment Are	ea:
05/09/2012	4 00	FΔ	Altosid brig. XR	400.00	SO-E
05/09/2012	4.00	EΑ	Altosid brig. XR	400.00	SQ-F
05/09/2012 08/16/2012 08/16/2012	4.00 9.00 4.00	EA EA OZ	Altosid briq. XR Altosid briq. 30 day Bti granular-VectoBac G	400.00 180.00 1,000.00	SQ-F SQ-F SQ-F
08/16/2012	9.00 4.00 001012 : Me EE000	EA OZ Paraidse	Altosid briq. 30 day Bti granular-VectoBac G Flats.Two Ring RD. ranage ditch along HWY 89. Catch bas	180.00 1,000.00	SQ-F SQ-F ss from 8551. BMP/ catch basins W
08/16/2012 08/16/2012 Record: VS00 Site Description Assigned To:	9.00 4.00 001012 : Me EE000	EA OZ Paraidse adow and d 0084 - KARE	Altosid briq. 30 day Bti granular-VectoBac G Flats.Two Ring RD. ranage ditch along HWY 89. Catch bas	180.00 1,000.00 in on North Lane acros	SQ-F SQ-F ss from 8551. BMP/ catch basins W
08/16/2012 08/16/2012 Record: VS00 Site Description Assigned To: Activity Date:	9.00 4.00 001012 :: Me EE000 Tre 6.00 001014 :: Po	EA OZ Paraidse adow and d 0084 - KARE eatment: OZ Meeks B	Altosid briq. 30 day Bti granular-VectoBac G Flats.Two Ring RD. Iranage ditch along HWY 89. Catch bas IN BENDER Bti granular-VectoBac G ay Stables. Across HWY 89 from fire sta	180.00 1,000.00 in on North Lane acros Treatment Are 2,000.00	SQ-F SQ-F ss from 8551. BMP/ catch basins W
08/16/2012 08/16/2012 Record: VS00 Site Description Assigned To: Activity Date: 05/08/2012 Record: VS00 Site Description	9.00 4.00 001012 :: Me EE000 Tre 6.00 001014 :: Po EE000	EA OZ Paraidse adow and d 0084 - KARE eatment: OZ Meeks B ols beside re	Altosid briq. 30 day Bti granular-VectoBac G Flats.Two Ring RD. Iranage ditch along HWY 89. Catch bas IN BENDER Bti granular-VectoBac G ay Stables. Across HWY 89 from fire sta	180.00 1,000.00 in on North Lane acros Treatment Are 2,000.00	SQ-F SQ-F ss from 8551. BMP/ catch basins W sa: SQ-F
08/16/2012 08/16/2012 Record: VS00 Site Description Assigned To: Activity Date: 05/08/2012 Record: VS00 Site Description Assigned To:	9.00 4.00 001012 :: Me EE000 Tre 6.00 001014 :: Po EE000	EA OZ Paraidse adow and d 0084 - KARE eatment: OZ Meeks B ols beside ro 0084 - KARE	Altosid briq. 30 day Bti granular-VectoBac G Flats.Two Ring RD. Iranage ditch along HWY 89. Catch bas IN BENDER Bti granular-VectoBac G ay Stables. Across HWY 89 from fire sta	180.00 1,000.00 in on North Lane acros Treatment Are 2,000.00	SQ-F SQ-F ss from 8551. BMP/ catch basins W sa: SQ-F

Record:VS0001017C.S.P.General Creek both sides of HWY 89.Site Description:Both sides of road. Ditches, snow melt pools.Assigned To:EE0000084 - KAREN BENDER

Activity Date: Treatment:

Treatment Area:

Treatment Area:

Treatment Area:

Treatment Area:

05/09/2012	4.00 OZ	Bti liquid-VectoBac 12 AS	0.50	AC
05/09/2012	1.00 LB	Bti granular-VectoBac G	0.50	AC
05/09/2012	1.00 EA	Altosid briq. 30 day	0.50	AC
06/21/2012	3.00 OZ	GB1111	200.00	SQ-F
06/21/2012	0.50 OZ	Bti granular-VectoBac G	100.00	SQ-F
07/18/2012	1.00 OZ	Bti granular-VectoBac G	300.00	SQ-F

Record:VS0001018C.S.P. D.L. Bliss Ditches along HWY 89.Site Description:Drainage and pools at HWY89Assigned To:EE0000084 - KAREN BENDER

Activity Date: Treatment:

07/18/2012 2.00 OZ GB1111 150.00 SQ-F 05/04/2012 8.00 EA Altosid brig. XR 800.00 SQFT 3,000.00 SQ-F 08/16/2012 12.00 OZ Bti granular-VectoBac G 08/16/2012 320.00 SQ-F 16.00 EA Altosid briq. 30 day 10/18/2012 7.00 OZ GB1111 500.00 SQ-F

Record:VS0001022Tahoma. South end of 10th Ave. Catch basin.Site Description:Ditches, snow melt pools. Catch basin.Assigned To:EE0000084 - KAREN BENDER

Activity Date: Treatment:

07/18/2012	0.25 OZ	GB1111	20.00 SQ	-F
07/18/2012	1.00 EA	Altosid briq. 30 day	20.00 SQ	-F

Record:VS0001027Tahoma.End of Hilo Off Rubicon AVE.Site Description:Ditches, PoolsAssigned To:EE0000084 - KAREN BENDER

Activity Date: Treatment:

07/18/2012	1.00 OZ	GB1111	50.00 SQ-F
07/18/2012	2.00 EA	Altosid briq. XR	50.00 SQ-F

Record:VS0001032Tahoma.8th andOak Street.Site Description:Drainage ditch.Assigned To:EE0000084 - KAREN BENDER

Activity Date: Treatment:

07/18/2012	2.00	EA	Altosid briq. 30 day	40.00	SQ-F
Record: VS00 Site Description Assigned To:	: Dra	Tahoma.7th iinage ditches 0084 - KAREN	-		
Activity Date:	Tre	atment:		Treatment Are	a:
04/30/2012	1.00	EA	Altosid briq. XR	100.00	CBSD
Record: VS00 Site Description Assigned To:	: Ho	Tahoma.6th ding pond,dito 0084 - KAREN		e.	
Activity Date:	Tre	atment:		Treatment Are	a:
04/30/2012	10.00	EA	Altosid briq. XR	3,000.00	SQ-F
Record: VS00 Site Description Assigned To:	: Dra	Tahoma.4tl ainage and Cu 0084 - KAREN	-		
Activity Date:	Tre	atment:		Treatment Are	a:
04/30/2012	2.00	LB	Bti granular-VectoBac G	0.25	ACRE
Record: VS00 Site Description Assigned To:	: Ca		DUTH GRASS LAKE E. TO COUNTY LINE and catch basins, drainage areas BENDER		
Activity Date:	Tre	atment:		Treatment Are	a:
06/08/2012	0.50	LB	Bti granular-VectoBac G	0.10	AC
Record: VS00 Site Description Assigned To:	: во	JICARILLA TH SIDES BE 0084 - KAREN	FORE 1993, CONNECTED BY DRAIN UNE	DER STREET.	
Activity Date:	Tre	atment:		Treatment Are	a:
05/01/2012	3.00	OZ	Bti granular-VectoBac G	1,200.00	SQ-F
07/05/2012	0.25	OZ	GB1111	25.00	SQ-F
07/05/2012	1.00	EA	Altosid briq. 30 day	25.00	SQ-F
Record: VS00	01064	MEADOW	AT SILVER TIP		

Site Description:MEADOW BEHIND SILVER TIP & TRUCKEE ST. BEHIND GROCERY OUTLETAssigned To:EE0000084 - KAREN BENDER

Activity Date: Treatment: Treatment Area:

05/02/2012	0.50	OZ	Bti granular-VectoBac G	200.00	SQ-F	
Record: VS(Site Descriptio Assigned To:	n:		IN CREEK TO PIONEER			
Activity Date:	: Tre	eatment:		Treatment Are	ea:	
06/14/2012	1.00	ΟZ	GB1111	100.00	SQ-F	
05/01/2012	1.00	LB	Bti granular-VectoBac G	0.20	AC	
Record: VSC Site Descriptio Assigned To: Activity Date:	n: NC EE000	ORTH EA	A & APACHE ST CORNER, DRAINAGE POOL REN BENDER	Treatment Are	ea:	
05/03/2012	5.00	EA	Altosid briq. XR	500.00	SQ-F	
Activity Date: 05/18/2012	4.00	eatment: EA	Altosid briq. 30 day	Treatment Are	SQ-F	
05/18/2012	4.00	EA	Altosid briq. 30 day	500.00	SQ-F	
Record: VS(Site Descriptio Assigned To:		DLDING F	BMP - FOOTBALL FIELD POND AT NORTH END OF END ZONE A REN BENDER	AT FOOTBALL FIELD		
Activity Date:	: Tre	eatment:		Treatment Are	ea:	
06/07/2012	2.00	OZ	GB1111	226.00	SQ-F	
06/07/2012	2.00	OZ	Bti granular-VectoBac G	1,090.00	SQ-F	
06/01/2012	1.00	EA	Altosid briq. XR	100.00	SQ-F	
08/20/2012	2.00	OZ	Bti granular-VectoBac G	1,000.00	SQ-F	
Record: VSC Site Descriptio Assigned To:		RAINAGE	E MTN RD - EAST SIDE @ FOREST M DITCH FROM FOREST MTN ROAD TO REN BENDER			
Activity Date:	: Tre	eatment:		Treatment Are	ea:	
05/20/2012		E۸	Altosid brig XP	700.00	50 E	

05/29/2012	7.00 EA	Altosid briq. XR	700.00 SQ-F	
05/29/2012	1.00 OZ	Bti granular-VectoBac G	550.00 SQ-F	
06/26/2012	0.20 OZ	Bti granular-VectoBac G	100.00 SQ-F	

Treatment History						
07/27/2012	1.00 LB	Bti granular-VectoBac G	0.20	AC		
Record: VS00 Site Description Assigned To:		DLORADO COURT DS IN BACK YARD REN BENDER				
Activity Date:	Treatment:		Treatment Ar	ea:		
06/12/2012	0.25 OZ	Bti granular-VectoBac G	136.25	SQFT		
06/12/2012	2.00 EA	Altosid briq. XR	200.00	SQFT		
Record: VS00 Site Description Assigned To:		EACH DRIVE D FISH POND IN FRONT OF HOUSE REN BENDER				
Activity Date:	Treatment:		Treatment Ar	ea:		
07/31/2012	0.10 OZ	Bti granular-VectoBac G	50.00	SQ-F		
07/18/2012	0.10 OZ	Bti granular-VectoBac G	50.00	SQ-F		
06/18/2012	0.20 OZ	Bti granular-VectoBac G	19.00	SQFT		
08/21/2012	0.25 OZ	Bti granular-VectoBac G	100.00	SQ-F		
09/11/2012	1.00 EA	Altosid briq. 30 day	100.00	SQ-F		
Record: VS00 Site Description Assigned To: Activity Date:			Treatment Ar	ea:		
06/25/2012	6.00 OZ	GB1111	600.00	SQ-F		
07/25/2012	4.00 OZ	GB1111	400.00	SQ-F		
07/25/2012	7.00 EA	Altosid briq. 30 day	400.00	SQ-F		
Record: VS00 Site Description Assigned To: Activity Date:			Treatment Ar	ea:		
06/25/2012	3.00 OZ	GB1111	300.00	SQ-F		
06/25/2012	3.00 EA	Altosid briq. XR	300.00	SQ-F		
Record: VS0(Site Description Assigned To:		ENTION CENTER PROJECT AT STATELINE REN BENDER				

Activity Date: Treatment:

Treatr	nent His	story		
06/25/2012	20.00 EA	Altosid briq. XR	1,800.00 SQ-F	
Record: VS0 Site Descriptior Assigned To:				
Activity Date:	Treatment:		Treatment Area:	
06/25/2012	6.00 EA	Altosid briq. 30 day	500.00 SQ-F	
Record: VS0 Site Descriptior Assigned To:				
Activity Date:	Treatment:		Treatment Area:	
06/25/2012	2.00 EA	Altosid briq. XR	200.00 SQ-F	
Record: VS0 Site Descriptior Assigned To:		A STREET DITCH AT 1633 PONCA REN BENDER		
Activity Date:	Treatment:		Treatment Area:	
06/26/2012	6.00 EA	Altosid briq. XR	450.00 SQ-F	
Record: VS0 Site Descriptior Assigned To:		T CREEK @ PIONEER TRL RAIL TO OLD RAILWAY TRAIL REN BENDER		
Activity Date:	Treatment:		Treatment Area:	
07/13/2012	4.00 OZ	Bti granular-VectoBac G	1,650.00 SQ-F	
08/27/2012	4.00 OZ	Bti granular-VectoBac G	2,000.00 SQ-F	
10/05/2012	4.00 OZ	Bti granular-VectoBac G	2,000.00 SQ-F	
Record: VS0 Site Descriptior Assigned To:		CREEK HATCHERY 1 SIERRA HOUSE TRAIL REN BENDER		
Activity Date:	Treatment:		Treatment Area:	
08/30/2012	3.00 EA	Altosid briq. 30 day	300.00 SQ-F	
08/02/2012	3.00 OZ	GB1111	240.00 SQ-F	
08/02/2012	0.25 OZ	Bti granular-VectoBac G	40.00 SQ-F	

Record:VS00010892881 SOUTH UPPER TRUCKEESite Description:CHANNEL BEHIND HOUSEAssigned To:EE0000084 - KAREN BENDER

Activity Date:	Treatment:		Treatment A	Treatment Area:		
08/06/2012	1.00 LB	Bti granular-VectoBac G	0.20	AC		

		Application I	nfo				Monitoring Inform	mation		Weather Con		
Date of Application	Location	Type of Water Body	Description	Type of pesticide	Product Name	Time of monitoring	Monitoring Date	Time	Name(s) of personnel	Overhead Conditions	Weather conditions	Water Color
4/19/2012	VS174	Drainage ditch				Background	4/19/2012	3:00 PM	Sielsch	Sunny/clear		Clear
4/19/2012	VS174			Larvicide	Altosid XR	Event	4/19/2012	3:10 PM	Sielsch	Sunny/clear		Clear
4/19/2012	VS174					Post-event	7/13/2012	N/A	Sielsch	N/A		N/A
4/20/2012	VS348	Snow melt pools				Background	4/20/2012	10:25 AM	Sunzeri	Sunny/clear		Murky
4/20/2012	VS348			Larvicide	Altosid XR	Event	4/20/2012	10:35 AM	Sunzeri	Sunny/clear		Murky
4/20/2012	VS348					Post-event	7/13/2012	N/A	Sunzeri	N/A		N/A
4/20/2012	VS166	Drainage ditch				Background	4/20/2012	11:00 AM	Sielsch	Sunny/clear		Mild cloudy
4/20/2012	VS166	5		Larvicide	Altosid XR	Event	4/20/2012	11:10 AM	Sielsch	Sunny/clear		Mild cloudy
4/20/2012	VS166					Post-event	7/13/2012	N/A	Sielsch	N/A		N/A
4/20/2012	VS450	Ditch/overflow pond				Background	4/20/2012	1:30 PM	Youngs	Sunny/clear	65 F	Clear
4/20/2012	VS450			Larvicide	Vectobac G	Event	4/20/2012	2:00 PM	Youngs	Sunny/clear	65 F	Clear
4/20/2012	VS450			Laiviolae	100100000	Post-event	4/23/2012	11:00 AM	Youngs	Partly cloudy	65 F	Clear
4/23/2012	VS456	River channel				Background	4/23/2012	10:30 AM	Youngs	Partly cloudy	65 F	Brown
4/23/2012	VS456			Larvicide	Vectomax CG	Event	4/23/2012	10:40 AM	Youngs	Partly cloudy	65 F	Brown
4/23/2012	VS456			Laiviciue		Post-event	4/25/2012	11:00 AM	Youngs	Light rain	001	Brown
4/23/2012	VS430 VS124	Snow melt				Background	4/23/2012	11:45 AM	Sielsch	Sunny/clear		Brown
4/23/2012	VS124 VS124	Show men		Lonvioido	Vectomax CG	Event	4/23/2012	12:10 PM	Sielsch	-		
	VS124 VS124			Larvicide	vectomax CG				Sielsch	Sunny/clear		Brown
4/23/2012		Otro ot ditob				Post-event	4/27/2012	1:00 PM		Sunny/clear		Brown
4/24/2012	VS339	Street ditch				Background	04/23/12	10:00 AM	Sunzeri	Sunny/clear		Murky
4/25/2012	VS339			Larvicide	Vectobac G	Event	04/23/12	10:10 AM	Sunzeri	Sunny/clear		Murky
4/26/2012	VS339					Post-event	06/22/12	9:00 AM	Sunzeri	Sunny/clear		Murky
4/24/2012	VS259	Marsh				Background	4/24/2012	9:00 AM	Sunzeri	Sunny/clear		Clear
4/24/2012	VS259			Larvicide	Vectobac 12 AS	Event	4/24/2012	9:15 AM	Sunzeri	Sunny/clear		Clear
4/24/2012	VS259	_				Post-event	5/1/2012	9:00 AM	Sunzeri	Sunny/clear		Clear
4/25/2012	VS686	Snow melt pools				Background	4/25/2012	2:30 PM	Sunzeri	Rain		Clear
4/25/2012	VS686			Larvicide	Vectobac G	Event	4/25/2012	2:45 PM	Sunzeri	Rain		Clear
4/25/2012	VS686					Post-event	5/2/2012	2:00 PM	Sunzeri	Sunny/clear		Clear
4/27/2012	VS352	Ditch				Background	4/27/2012	2:30 PM	Sunzeri	Sunny/clear		Clear
4/27/2012	VS352			Larvicide	Vectomax CG	Event	4/27/2012	2:45 PM	Sunzeri	Sunny/clear		Clear
4/27/2012	VS352					Post-event	5/31/2012	2:00 PM	Sunzeri	Sunny/clear		Clear
4/27/2012	VS139	Pond				Background	4/27/2012	10:50 AM	Vieyra	Sunny/clear		Brown
4/27/2012	VS139			Larvicide	Vectobac G	Event	4/27/2012	10:55 AM	Vieyra	Sunny/clear		Brown
4/27/2012	VS139					Post-event	5/1/2012	1:00 PM	Vieyra	Sunny/clear		Brown
4/30/2012	VS208	Pasture				Background	4/30/2012	11:00 AM	Youngs	Cloudy	60 F	Brown
4/30/2012	VS208			Larvicide	Vectomax CG	Event	4/30/2012	11:30 AM	Youngs	Cloudy	60 F	Brown
4/30/2012	VS208					Post-event	5/2/2012	10:00 AM	Youngs	Cloudy	65 F	Brown
4/30/2012	VS673	Meadow				Background	4/30/2012	10:00 AM	Sunzeri	Cloudy	65 F	Clear
4/30/2012	VS673			Larvicide	Vectomax CG	Event	4/30/2012	10:15 AM	Sunzeri	Cloudy	65 F	Clear
4/30/2012	VS673					Post-event	5/14/2012	10:45 AM	Sunzeri	Sunny/clear		Clear
5/1/2012	VS639	Meadow				Background	5/1/2012	12:00 PM	Sunzeri	Sunny/clear		Murky
5/1/2012	VS639			Larvicide	Vectomax CG	Event	5/1/2012	12:15 PM	Sunzeri	Sunny/clear		Murky
5/1/2012	VS639					Post-event	5/8/2012	1:00 PM	Sunzeri	Sunny/clear		Murky
5/1/2012	VS715	Snow melt pool				Background	5/1/2012	11:45 AM	Sielsch	Sunny/clear		Brown
5/1/2012	VS715 VS715	Show meit pool		Larvicida	Vectobac G	Event	5/1/2012	11:55 AM	Sielsch	Sunny/clear		Brown
5/1/2012	VS715 VS715				vecional G				Sielsch	-		
		Show malt had				Post-event	5/4/2012	9:40 AM		Sunny/clear		Brown
5/2/2012	VS368	Snow melt pool		- ا- ا- ا	Veeteber O	Background	5/2/2012	12:45 PM	Sunzeri	Sunny/clear		Murky
5/2/2012	VS368			Larvicide	Vectobac G	Event	5/2/2012	1:00 PM	Sunzeri	Sunny/clear		Murky
5/2/2012	VS368	Maria I				Post-event	6/5/2012	1:15 PM	Vieyra	Sunny/clear		Murky
5/3/2012	VS654	Marsh				Background	5/3/2012	9:30 AM	Sunzeri	Sunny/clear	Windy	Murky

5/3/2012	VS654		Larvicide	Vectomax CG	Event	5/3/2012	9:45 AM	Sunzeri	Sunny/clear	Windy	Murky
5/3/2012	VS654				Post-event	5/10/2012	2:30 PM	Sunzeri	Sunny/clear		Murky
5/3/2012	VS180	Snow melt pool			Background	5/3/2012	10:00 AM	Sielsch	Partly cloudy		Clear
5/3/2012	VS180		Larvicide	Vectobac G	Event	5/3/2012	10:05 AM	Sielsch	Partly cloudy		Clear
5/3/2012	VS180				Post-event	5/8/2012	4:00 PM	Sielsch	Sunny/clear		Dry
5/3/2012	VS593	Lake Baron			Background	5/3/2012	1:00 PM	Youngs	Partly cloudy		Brown
5/3/2012	VS593		Larvicide	Vectomax CG	Event	5/3/2012	1:30 PM	Youngs	Partly cloudy		Brown
5/3/2012	VS593				Post-event	5/7/2012	1:00 PM	Youngs	Sunny/clear		Brown
5/7/2012	VS235	Snow melt ponds			Background	5/7/2012	11:15 AM	Vieyra	Sunny/clear		Brown
5/7/2012	VS235		Larvicide	Vectobac G	Event	5/7/2012	11:30 AM	Vieyra	Sunny/clear		Brown
5/7/2012	VS235		Lairroido		Post-event	5/11/2012	3:15 PM	Vieyra	Sunny/clear		Brown
5/7/2012	VS190	River channel			Background	5/7/2012	11:00 AM	Youngs	Sunny/clear	60 F	Brown
5/7/2012	VS190		Larvicide	Vectomax CG	Event	5/7/2012	11:30 AM	Youngs	Sunny/clear	60 F	Brown
5/7/2012	VS190		Laiviolae		Post-event	5/9/2012	11:00 AM	Youngs	Sunny/clear	70 F	Brown
5/7/2012	VS259	Marsh			Background	5/7/2012	10:00 AM	Sunzeri	Sunny/clear	701	Murky
5/7/2012	VS259 VS259	Marsh	Larvicide	Vectobac 12 AS	Event	5/7/2012	10:15 AM	Sunzeri	Sunny/clear		Murky
5/7/2012	VS259 VS259		Laiviciue		Post-event	5/14/2012	4:00 PM	Sunzeri	Partly cloudy		Murky
5/8/2012	VS263	Meadow			Background	5/8/2012	1:30 PM	Sunzeri	Sunny/clear		Brown
5/8/2012	VS263	Meadow	Larvicide	Vectobac G	Event	5/8/2012	1:45 PM	Sunzeri	-		Brown
			Laiviciue	Vectobac G					Sunny/clear		
5/8/2012	VS263	Marah			Post-event	5/30/2012	10:00 AM	Sunzeri	Sunny/clear		Brown
5/9/2012	VS268	Marsh	ا معنامام	Vestabes C	Background	5/9/2012	9:00 AM	Sunzeri	Sunny/clear		Brown
5/9/2012	VS268		Larvicide	Vectobac G	Event	5/9/2012	9:15 AM	Sunzeri	Sunny/clear		Brown
5/9/2012	VS268				Post-event	5/31/2012	10:00 AM	Sunzeri	Sunny/clear		Brown
5/10/2012	VS305	Catch basin	1		Background	5/10/2012	11:00 AM	Tekulve	Sunny/clear		Brown
5/10/2012	VS305		Larvicide	Altosid XR	Event	5/10/2012	11:15 AM	Tekulve	Sunny/clear		Brown
5/10/2012	VS305				Post-event	7/13/2012	N/A	Tekulve	N/A		N/A
5/10/2012	VS350	Pump station			Background	5/10/2012	1:00 PM	Tekulve	Sunny/clear		Clear
5/10/2012	VS350		Larvicide	Vectobac G	Event	5/10/2012	1:15 PM	Tekulve	Sunny/clear		Clear
5/10/2012	VS350				Post-event	5/30/2012	9:00 AM	Tekulve	Sunny/clear		Clear
5/11/2012	VS340	Marsh			Background	5/11/2012	11:00 AM	Sunzeri	Sunny/clear		Brown
5/11/2012	VS340		Larvicide	Vectobac G	Event	5/11/2012	11:15 AM	Sunzeri	Sunny/clear		Brown
5/11/2012	VS340				Post-event	5/14/2012	2:00 PM	Sunzeri	Sunny/clear		Brown
5/11/2012	VS348	Marsh			Background	5/11/2012	10:00 AM	Sunzeri	Sunny/clear		Brown
5/11/2012	VS348		Larvicide	Golden Bear 1111	Event	5/11/2012	10:15 AM	Sunzeri	Sunny/clear		Brown
5/11/2012	VS348				Post-event	5/31/2012	3:00 PM	Sunzeri	Sunny/clear		Brown
5/14/2012	VS280	Ditch pond			Background	5/14/2012	2:30 PM	Youngs	Partly cloudy		Brown
5/14/2012	VS280		Larvicide	Vectobac G	Event	5/14/2012	2:45 PM	Youngs	Partly cloudy		Brown
5/14/2012	VS280				Post-event	5/16/2012	2:00 PM	Youngs	Sunny/clear		Brown
5/17/2012	VS435	Grassy swamp			Background	5/17/2012	11:30 AM	Tekulve	Partly cloudy	65 F, windy	Brown
5/17/2012	VS435		Larvicide	Vectomax CG	Event	5/17/2012	11:45 AM	Tekulve	Partly cloudy	65 F, windy	Brown
5/17/2012	VS435				Post-event	6/5/2012	11:00 AM	Tekulve	Sunny/clear		Brown
5/18/2012	VS715	Snow melt pool			Background	5/18/2012	9:50 AM	Sielsch	Sunny/clear		Clear
5/18/2012	VS715		Larvicide	Vectobac G	Event	5/18/2012	10:00 AM	Sielsch	Sunny/clear		Clear
5/18/2012	VS715				Post-event	5/21/2012	11:45 AM	Sielsch	Cloudy		Clear
5/18/2012	VS349	Catch basins			Background	5/18/2012	10:00 AM	Sunzeri	Sunny/clear	Windy	Clear
5/18/2012	VS349		Larvicide	Altosid 30 day	Event	5/18/2012	10:10 AM	Sunzeri	Sunny/clear	Windy	Clear
5/18/2012	VS349			, , , , , , , , , , , , , , , , , , ,	Post-event	6/18/2012	10:00 AM	Sunzeri	Sunny/clear	-)	Clear
5/21/2012	VS650	Marsh			Background	5/21/2012	2:00 PM	Sunzeri	Cloudy		Brown
5/21/2012	VS650		l arvicide	Vectobac G	Event	5/21/2012	2:15 PM	Sunzeri	Cloudy		Brown
5/21/2012	VS650				Post-event	5/31/2012	10:00 AM	Sunzeri	Sunny/clear		Brown
5/21/2012	VS717	Marsh			Background	5/21/2012	11:15 AM	Sielsch	Cloudy		Clear
5/21/2012	VS717		Larvicide	Golden Bear 1111	Event	5/21/2012	11:15 AM	Sielsch	Cloudy		Clear
5/21/2012	VS717 VS717				Post-event	5/25/2012	12:00 PM	Sielsch	Cloudy		Clear
0/21/2012	0111					0/20/2012	12.001101	01010011	Cloudy		oloui

Windy	Murky
	Murky
	Clear
	Clear
	Dry
	Brown
	Brown
	Brown
	Brown
	Brown
60 F	Brown
60 F	Brown
60 F	Brown
70 F	Brown
	Murky
	Murky
	Murky
	Brown
	N/A
	Clear
	Clear
	Clear
	Brown
	Brown
	Brown
	Brown
	Brown
65 F, windy	Brown
65 F, windy	Brown
	Brown
	Clear
	Clear
	Clear
Windy	Clear
Windy	Clear
	Clear
	Brown
	Brown
	Brown
	Clear
	Clear
	Clear

5/22/2012	VS650	Marsh			Background	5/22/2012	9:30 AM	Sunzeri	Sunny/clear	
5/22/2012	VS650		Larvicide	Vect G & GB1111	Event	5/22/2012	9:45 AM	Sunzeri	Sunny/clear	
5/22/2012	VS650				Post-event	5/31/2012	10:00 AM	Sunzeri	Sunny/clear	
5/23/2012	VS352	Swamp			Background	5/23/2012	10:00 AM	Sunzeri	Sunny/clear	
5/23/2012	VS352		Larvicide	Vectomax CG	Event	5/23/2012	10:15 AM	Sunzeri	Sunny/clear	
5/23/2012	VS352				Post-event	5/31/2012	10:00 AM	Sunzeri	Sunny/clear	
5/23/2012	VS223	Old River Channel			Background	5/23/2012	1:00 PM	Youngs	Sunny/clear	65
5/23/2012	VS223		Larvicide	Vectomax CG	Event	5/23/2012	1:15 PM	Youngs	Sunny/clear	65
5/23/2012	VS223				Post-event	5/25/2012	11:00 AM	Youngs	Cloudy	Lig
5/23/2012	VS478	Creek drainage			Background	5/23/2012	10:15 AM	Tekulve	Sunny/clear	65
5/23/2012	VS478		Larvicide	Altosid 30 day	Event	5/23/2012	10:30 AM	Tekulve	Sunny/clear	65
5/23/2012	VS478			,	Post-event	6/25/2012	8:45 AM	Tekulve	Sunny/clear	
5/24/2012	VS225	Old River Channel			Background	5/24/2012	2:00 PM	Youngs	Sunny/clear	W
5/24/2012	VS225		Larvicide	Vectobac G	Event	5/25/2012	2:15 PM	Youngs	Sunny/clear	W
5/24/2012	VS225				Post-event	5/29/2012	3:30 PM	Youngs	Sunny/clear	70
5/29/2012	VS214	Ditch			Background	5/29/2012	11:55 AM	Youngs	Sunny/clear	65
5/29/2012	VS214		Larvicide	Vectomax CG	Event	5/29/2012	2:00 PM	Youngs	Sunny/clear	65
5/29/2012	VS214		Larrielde		Post-event	5/31/2012	2:00 PM	Youngs	Sunny/clear	75
5/24/2012	VS640	Snow melt pools			Background	5/24/2012	9:45 AM	Sunzeri	Sunny/clear	10
5/24/2012	VS640		Larvicide	Golden Bear 1111	Event	5/24/2012	9:55 AM	Sunzeri	Sunny/clear	
5/24/2012	VS640		Laiviciae	Colden Dear TTTT	Post-event	5/31/2012	3:00 PM	Sunzeri	Sunny/clear	
5/29/2012	VS179	Drainage ditch			Background	5/29/2012	11:00 AM	Sielsch	Sunny/clear	
5/29/2012	VS179		Larvicide	Altosid 30 day	Event	5/29/2012	11:00 AM	Sielsch	Sunny/clear	
5/29/2012	VS179 VS179		Laiviciue	Allosid So day	Post-event	7/2/2012	10:00 AM	Sielsch	Sunny/clear	
5/31/2012	VS352	Meadow			Background	5/31/2012	10:00 AM	Sunzeri	Sunny/clear	
5/31/2012	VS352 VS352	Meadow	Larvicide	Vectobac G	Event	5/31/2012	10:15 AM	Sunzeri	Sunny/clear	
5/31/2012	VS352 VS352		Laiviciue	Veciobal O	Post-event	6/3/2012	3:00 PM	Sunzeri	Sunny/clear	
5/31/2012	VS447	Drainago diteb				5/31/2012	10:40 AM	Tekulve	Sunny/clear	70
5/31/2012	VS447 VS447	Drainage ditch	Larvicide	Vectobac G	Background Event	5/31/2012	10:40 AM 10:50 AM	Tekulve	Sunny/clear	70 70
5/31/2012	VS447 VS447		Laiviciue	Veciobal G	Post-event	6/8/2012	10:00 AM	Tekulve	Sunny/clear	45
5/31/2012	VS701	Catch basin				5/31/2012	11:15 AM	Crenshaw	•	40
5/31/2012	VS701 VS701	Calch basin	Larvicide	Vectobac G	Background Event	5/31/2012	11:30 AM	Crenshaw	Sunny/clear Sunny/clear	
5/31/2012	VS701 VS701		Laiviciue	Veciobal G	Post-event	6/4/2012	11:15 AM	Crenshaw	•	
6/5/2012	VS701 VS337	Marsh				6/5/2012	12:15 PM	Sunzeri	Sunny/clear	
6/5/2012	VS337 VS337	IVIAI SIT	Lonvioido	Vectobac G	Background	6/5/2012	12:30 PM	Sunzeri	Sunny/clear	
			Larvicide	Vectobac G	Event Dest event				Sunny/clear	
6/5/2012	VS337	Catch hasin			Post-event	6/21/2012	3:00 PM	Sunzeri	Sunny/clear	
6/6/2012 6/6/2012	VS584 VS584	Catch basin	Lonvioido	Altosid 30 day	Background	6/6/2012 6/6/2012	10:40 AM 10:50 AM	Crenshaw Crenshaw	Sunny/clear	<u> </u>
			Larvicide	Allosiu 50 uay	Event		4:00 PM		Sunny/clear	Co
6/6/2012	VS584	Danda			Post-event	7/9/2012	4.00 PM 3:00 PM	Crenshaw	Sunny/clear	
6/7/2012	VS1072	Ponds	Lonvioido	Golden Bear 1111	Background	6/7/2012		Sunzeri	Sunny/clear	
6/7/2012	VS1072 VS1072		Larvicide	Golden bear 1111	Event	6/7/2012	3:15 PM 3:00 PM	Sunzeri	Sunny/clear	
6/7/2012		RMD aatab basin			Post-event	6/13/2012	3.00 PM 1:50 PM	Sunzeri	Sunny/clear	۱۸/
6/8/2012	VS587	BMP catch basin	المسنامام	Veetebee C	Background	6/8/2012		Sielsch	Sunny/clear	W
6/8/2012	VS587		Larvicide	Vectobac G	Event	6/8/2012	2:05 PM	Sielsch	Sunny/clear	W
6/8/2012	VS587				Post-event	6/14/2012	9:30 AM	Sielsch	Sunny/clear	Co
6/8/2012	VS200	Old River Channel			Background	6/8/2012	10:30 AM	Youngs	Sunny/clear	65
6/8/2012	VS200		Larvicide	Vectobac G	Event	6/8/2012	10:45 AM	Youngs	Sunny/clear	65
6/8/2012	VS200				Post-event	6/11/2012	1:30 PM	Youngs	Sunny/clear	70
6/8/2012	VS645	Snow melt pools	1	V/a staling 2	Background	6/8/2012	9:30 AM	Sunzeri	Sunny/clear	
6/8/2012	VS645		Larvicide	Vectobac G	Event	6/8/2012	9:45 AM	Sunzeri	Sunny/clear	
6/8/2012	VS645	Fish and			Post-event	6/15/2012	10:30 AM	Sunzeri	Sunny/clear	
6/12/2012	VS734	Fish pond			Background	6/12/2012	9:20 AM	Sunzeri	Sunny/clear	
6/12/2012	VS734		Larvicide	Altosid XR	Event	6/12/2012	9:40 AM	Sunzeri	Sunny/clear	

65 F 65 F Light snow 65 F 65 F Windy Windy 70 F 65 F 65 F 75 F	Clear Clear Green Green Brown Brown Brown Brown Brown Brown Brown Clear Clear Clear Clear Clear Clear
70 F 70 F 45 F	Brown Dry Brown Brown Brown/Orange Brown/Orange Clear Clear Clear Murky Murky
Cool	Murky Brown Brown Dry Brown Brown
Warm,Windy Warm,Windy Cool 65 F, windy 65 F, windy 70 F	Brown Brown Brown Brown Brown Brown Brown Brown Clear Clear

6/12/2012	VS734				Doct overt	7/13/2012	9:00 AM	Supzori	NI/A	
6/13/2012	VS734 VS249	Drainage ditch			Post-event Background	6/13/2012	3:00 AM 3:00 PM	Sunzeri Tekulve	N/A Sunny/clear	75 F
6/13/2012	VS249 VS249	Drainage uten	Larvicide	Vectobac G	Event	6/13/2012	3:15 PM	Tekulve	Sunny/clear	75 F
6/13/2012	VS249 VS249		Laiviciue	Vectobac G	Post-event	6/18/2012	9:45 AM	Tekulve	Sunny/clear	75 F, windy
6/13/2012	VS144	Drainage ditch			Background	6/14/2012	3:15 PM	Sielsch	Partly cloudy	Warm
6/13/2012	VS144 VS144	Drainage uter	Larvicide	Altosid 30 day	Event	6/14/2012	3:30 PM	Sielsch	Partly cloudy	vvann
6/13/2012	VS144 VS144		Laiviciue	Altosia So day	Post-event	7/13/2012	N/A	N/A	N/A	
6/14/2012	VS144 VS277	Old River channel			Background	6/15/2012	1:30 PM	Youngs	Sunny/clear	75 F
6/14/2012	VS277 VS277		Larvicide	Vectobac G	Event	6/15/2012	1:45 PM	Youngs	Sunny/clear	75 F
6/14/2012	VS277 VS277		Laiviciue	Vectobac G	Post-event	6/18/2012	11:00 AM	Youngs	Sunny/clear	70 F
6/18/2012	VS1078	Home fish pond			Background	6/18/2012	3:00 PM	Sunzeri	Sunny/clear	Windy
6/18/2012	VS1078 VS1078	nome lish pond	Larvicide	Vectobac G	Event	6/18/2012	3:15 PM	Sunzeri	Sunny/clear	Windy
6/18/2012	VS1078 VS1078		Laiviciue	Veciobal G	Post-event	6/25/2012	9:00 AM	Vieyra	Sunny/clear	vviriay
6/19/2012	VS368	Marsh			Background	6/19/2012	12:00 PM	Sunzeri	Sunny/clear	
6/19/2012	VS368	IVIAI SI I	Larvicide	Vectobac G	Event	6/19/2012	12:00 PM	Sunzeri	Sunny/clear	
6/19/2012	VS368		Laiviciue	Vectobac G	Post-event	6/29/2012	10:00 AM	Youngs	Sunny/clear	60 F
6/19/2012	VS166	Pond			Background	6/19/2012	11:40 AM	Crenshaw	Sunny/clear	001
6/19/2012	VS166	Fond	Larvicide	Vectobac G	Event	6/19/2012	11:40 AM 11:45 AM	Crenshaw	Sunny/clear	
6/19/2012	VS166		Laiviciue	Veciobac G	Post-event	6/22/2012	11:25 AM	Crenshaw	Sunny/clear	Cool, windy
6/20/2012	VS100 VS229	Old river channel				6/20/2012	2:30 PM	Youngs	Sunny/clear	75 F, windy
6/20/2012	VS229 VS229		Lonvioido	Vectobac G	Background Event	6/20/2012	2:30 PM 2:45 PM	-		
6/20/2012	VS229 VS229		Larvicide	Veciobac G	Post-event	6/22/2012	2.45 PM 11:30 PM	Youngs	Sunny/clear Sunny/clear	75 F, windy 65 F
6/20/2012	VS229 VS321	Drainaga ditab				6/20/2012	11:00 AM	Youngs Tekulve		78 F
6/20/2012	VS321 VS321	Drainage ditch	Lonvioido	Vectobac G	Background	6/20/2012	11:15 AM	Tekulve	Sunny/clear Sunny/clear	78 F
6/21/2012	VS321 VS321		Larvicide	Vectobac G	Event Boot event	6/26/2012	11:15 AM	Tekulve	Sunny/clear	65 F
		Dond ditab			Post-event				•	
6/21/2012	VS189	Pond, ditch	Lonvioido	Vastabaa C	Background	6/21/2012	11:00 AM	Youngs	Sunny/clear	75 F, windy
6/21/2012	VS189		Larvicide	Vectobac G	Event	6/21/2012	11:15 AM	Youngs	Sunny/clear	75 F, windy
6/21/2012	VS189	Ditch			Post-event	6/25/2012	11:15 AM	Youngs	Sunny/clear	60 F
6/22/2012	VS214	Ditch	المستنفاه	Vastahaa C	Background	6/22/2012	11:00 AM	Youngs	Sunny/clear	65 F
6/22/2012	VS214		Larvicide	Vectobac G	Event	6/22/2012	11:15 AM	Youngs	Sunny/clear	60 F
6/22/2012	VS214	Detention nand			Post-event	6/25/2012	11:00 AM	Youngs	Sunny/clear	60 F
6/22/2012	VS708	Retention pond	1		Background	6/22/2012	11:00 AM	Sunzeri	Sunny/clear	
6/22/2012	VS708		Larvicide	Golden Bear 1111	Event	6/22/2012	11:15 AM	Sunzeri	Sunny/clear	
6/22/2012	VS708				Post-event	6/29/2012	1:30 PM	Youngs	Sunny/clear	
6/25/2012	VS258	Old river channel	ا معناما م	Maatahaa O	Background	6/25/2012	3:00 PM	Youngs	Sunny/clear	60 F
6/25/2012	VS258		Larvicide	Vectobac G	Event	6/25/2012	3:15 PM	Youngs	Sunny/clear	60 F
6/27/2012	VS258				Post-event	6/27/2012	11:00 AM	Youngs	Sunny/clear	70 F
6/25/2012	VS336	Lagoon	ا معناما م	Maatahaa O	Background	6/26/2012	11:00 AM	Youngs	Sunny/clear	65 F
6/26/2012	VS336		Larvicide	Vectobac G	Event	6/26/2012	11:15 AM	Youngs	Sunny/clear	65 F
6/26/2012	VS336	Crock drainage			Post-event	6/28/2012	11:30 AM	Youngs	Sunny/clear	75 F, windy
6/26/2012	VS449	Creek drainage	المستنفاه		Background	6/26/2012	1:30 PM	Tekulve	Sunny/clear	68 F
6/26/2012	VS449		Larvicide	Altosid 30 day	Event	6/26/2012	1:45 PM	Tekulve	Sunny/clear	68 F
6/26/2012	VS449	Droine an ditab			Post-event	7/5/2012	9:30 AM	Tekulve	Sunny/clear	65 F
6/28/2012	VS268	Drainage ditch	المستنفاه	Vestahed C	Background	6/28/2012	10:20 AM	Youngs	Sunny/clear	75 F
6/28/2012	VS268		Larvicide	Vectobad G	Event	6/28/2012	10:30 AM	Youngs	Sunny/clear	75 F
6/28/2012	VS268				Post-event	7/2/2012	9:30 AM	Youngs	Sunny/clear	70 F
6/29/2012	VS152	Drainage ditch	1		Background	6/29/2012	9:30 AM	Crenshaw	Sunny/clear	Warm
6/29/2012	VS152		Larvicide	Vectobac G	Event	6/29/2012	9:40 AM	Crenshaw	Sunny/clear	Warm
6/29/2012	VS152	Optob have			Post-event	7/3/2012	11:40 AM	Crenshaw	Sunny/clear	Warm
6/29/2012	VS264	Catch basin			Background	6/29/2012	1:50 PM	Youngs	Sunny/clear	Warm
6/29/2012	VS264		Larvicide	Vectobac G	Event	6/29/2012	2:00 PM	Youngs	Sunny/clear	Warm
6/29/2012	VS264				Post-event Background	7/6/2012 7/2/2012	9:30 AM 9:20 AM	Youngs Crenshaw	Sunny/clear Sunny/clear	Warm
7/2/2012	VS137	Pool next to creek								

	N/A
75 F	Brown
75 F	Brown
75 F, windy	Brown
Warm	Light Brown
	Light Brown
	N/A
75 F	Brown
75 F	Brown
70 F	Brown
Windy	Clear
Windy	Clear
	Clear
	Brown
	Brown
60 F	Brown
	Brown
	Brown
Cool, windy	Brown
75 F, windy	Brown
75 F, windy	Brown
65 F	
	Brown
78 F	Brownish
78 F	Brownish
65 F	Brownish
75 F, windy	Brown
75 F, windy	Brown
60 F	Brown
65 F	Brown
60 F	Brown
60 F	Dry
	Marshy
	Marshy
	Lt. Brown
60 F	Brown
60 F	Brown
70 F	Brown
65 F	Green
65 F	
	Green
75 F, windy	Green
68 F	Blackish
68 F	Blackish
65 F	Blackish
75 F	Brown
75 F	Brown
70 F	Brown
Warm	Clear
Warm	Clear
Warm	Clear
Warm	Brown
Warm	Brown
Warm	Brown
vvann	

7/2/2012	VS137		Larvicide	Golden Bear 1111	Event	7/2/2012	9:30 AM	Crenshaw	Sunny/clear
7/2/2012	VS137				Post-event	7/6/2012	2:00 PM	Crenshaw	Sunny/clear
7/2/2012	VS356	Ditch			Background	7/2/2012	9:30 AM	Youngs	Sunny/clear
7/2/2012	VS356		Larvicide	Vectobac G	Event	7/2/2012	9:45 AM	Youngs	Sunny/clear
7/2/2012	VS356				Post-event	7/5/2012	11:30 AM	Youngs	Sunny/clear
7/5/2012	VS148	Drainage culvert			Background	7/5/2012	1:40 PM	Sielsch	Sunny/clear
7/5/2012	VS148		Larvicide	Vectobac G	Event	7/5/2012	1:50 PM	Sielsch	Sunny/clear
7/5/2012	VS148				Post-event	7/9/2012	1:25 PM	Sielsch	Sunny/clear
7/5/2012	VS594	River			Background	7/5/2012	11:00 AM	Tekulve	Sunny/clear
7/5/2012	VS594		Larvicide	Vectobac G	Event	7/5/2012	11:15 AM	Tekulve	Sunny/clear
7/5/2012	VS594				Post-event	7/10/2012	8:30 AM	Tekulve	Sunny/clear
7/6/2012	VS129	Drainage ditch			Background	7/6/2012	3:00 PM	Sielsch	Sunny/clear
7/6/2012	VS129		Larvicide	Vectobac G	Event	7/6/2012	3:20 PM	Sielsch	Sunny/clear
7/6/2012	VS129				Post-event	7/10/2012	2:00 PM	Sielsch	Sunny/clear
7/6/2012	VS261	Snow melt pool			Background	7/6/2012	3:00 PM	Youngs	Sunny/clear
7/6/2012	VS261		Larvicide	Vectobac G	Event	7/6/2012	3:15 PM	Youngs	Sunny/clear
7/6/2012	VS261				Post-event	7/9/2012	3:30 PM	Youngs	Sunny/clear
7/9/2012	VS352	Marsh overflow pond			Background	7/9/2012	11:00 AM	Youngs	Sunny/clear
7/9/2012	VS352		Larvicide	Vectobac G	Event	7/9/2012	11:15 AM	Youngs	Sunny/clear
7/11/2012	VS352				Post-event	7/11/2012	11:00 AM	Youngs	Sunny/clear
7/9/2012	VS249	Drainage ditch			Background	7/9/2012	11:00 AM	Tekulve	Sunny/clear
7/9/2012	VS249		Larvicide	Vectobac G	Event	7/9/2012	11:15 AM	Tekulve	Sunny/clear
7/9/2012	VS249				Post-event	7/13/2012	N/A	N/A	N/A
7/10/2012	VS270	Ditch, marsh			Background	7/10/2012	11:00 AM	Youngs	Sunny/clear
7/10/2012	VS270		Larvicide	Vectobac G	Event	7/10/2012	11:30 AM	Youngs	Sunny/clear
7/10/2012	VS270				Post-event	7/13/2012	1:00 PM	Youngs	Sunny/clear
7/10/2012	VS286	Drainage ditch			Background	7/10/2012	2:00 PM	Tekulve	Sunny/clear
7/10/2012	VS286		Larvicide	Altosid 30 day	Event	7/10/2012	2:15 PM	Tekulve	Sunny/clear
7/10/2012	VS286			-	Post-event	7/13/2012	N/A	N/A	N/A
7/11/2012	VS621	Marsh			Background	7/11/2012	9:00 AM	Youngs	Sunny/clear
7/11/2012	VS621		Larvicide	Vectobac G	Event	7/11/2012	9:30 AM	Youngs	Sunny/clear
7/11/2012	VS621				Post-event	7/13/2012	N/A	N/A	N/A
7/13/2012	VS336	Lagoon			Background	7/13/2012	11:00 AM	Youngs	Sunny/clear
7/13/2012	VS336		Larvicide	Vectobac G	Event	7/13/2012	11:30 AM	Youngs	Sunny/clear
7/13/2012	VS336				Post-event	7/13/2012	N/A	N/A	N/A

65 F 65 F 70 F Warm Warm 70 F 70 F	Bro Bro Clea Clea Bro Bro
70 F	Bro Clo
80 F	Clo Clo
80 F 80 F	Bro Bro
85 F	Bro
75 F	Col
75 F	Col
80 F	Col
80 F	Bro
80 F	Bro
N/A	N/A
75 F	Bro
75 F	Bro
80 F	Bro
80 F	Bro
80 F	Bro
N/A	N/A
65 F	Col
65 F	Col
N/A	N/A
80 F	Col
80 F	Col
N/A	N/A

own own own ear ear ear ownish ownish ownish oudy budy budy own own own lorless lorless lorless own own 4 own own own own own 4 lorless lorless 4 olorless olorless A

			Visual C	Observation		
Water Clarity	Floating/Susp ended Matter	Bottom Deposits	Aquatic Life	Water Surface Oils	Fungi,Slimes or objectionable growths	Potential Nuisance Conditions; Other Notes
Clear	Not Observed	None	Observed	None	None	
Clear	Not Observed	None	Observed	None	None	
N/A	N/A	N/A	N/A	N/A	N/A	Monitoring suspended 7/13/12
Murky	Observed	Observed	Not Observed	None	Observed	
Murky	Observed	Observed	Not Observed	None	Observed	
N/A	N/A	N/A	N/A	N/A	N/A	Monitoring suspended 7/13/12
Mild cloudy	Observed	Observed	Observed	Observed	Not observed	
Mild cloudy	Observed	Observed	Observed	Observed	Not observed	
N/A	N/A	N/A	N/A	N/A	N/A	Monitoring suspended 7/13/12
Clear	Observed	Observed	Observed	Not observed	Observed	
Clear	Observed	Observed	Observed	Not observed	Observed	
Clear	Observed	Observed	Observed	Not observed	Observed	
Murky	Not Observed	Not observed	Observed	Not observed	Not observed	Grass & willow slash
•	Not Observed	Not observed	Observed	Not observed	Not observed	Grass & willow slash
Murky	Not Observed	Not observed	Observed	Not observed	Not observed	Grass & willow slash
Murky	Observed	Observed	Observed	Observed	Not observed	
•	Observed	Observed	Observed	Observed	Not observed	
	Observed	Observed	Observed	Observed	Not observed	
•	Observed	Observed	Not Observed	Not observed	Observed	
	Observed	Observed	Not Observed	Not observed	Observed	
	Observed	Observed	Not Observed			
-	Not observed	Observed	Not Observed	Not observed	Not observed	
	Not observed	Observed	Not Observed			
		Observed	Not Observed			
		Not observed	Not Observed			
	Not Observed		Not Observed			
	Not Observed		Not Observed			
	Not Observed		Not Observed	Not observed	Not observed	
	Not Observed		Not Observed			
	Not Observed		Not Observed			
	Observed	Observed	Observed		Not observed	
•	Observed	Observed	Observed		Not observed	
•	Observed	Observed	Observed	Not observed	Not observed	
	Not observed	Not observed	Observed	Not observed		
	Not observed	Not observed	Observed	Not observed		
•	Not observed	Not observed	Observed	Not observed		
	Not observed	Not observed	Not observed		Not observed	
	Not observed	Not observed	Not observed			
	Not observed	Not observed	Not observed			
	Observed	Not observed	Not Observed		Not observed	
	Observed	Not observed	Not Observed		Not observed	
	Observed	Not observed	Not Observed		Not observed	
	Observed	Observed	Observed	Observed	Not observed	
	Observed	Observed	Observed	Observed	Not observed	
	Observed	Observed	Observed		Not observed	
•	Observed	Observed	Not Observed			
•	Observed	Observed	Not Observed			
•	Observed	Observed	Not Observed			

Murky	Observed	Not observed	Not Observed	Not observed	Not observed	
Mur	Observed	Not observed	Not Observed	Not observed	Not observed	
Clear	Not observed	Not observed	Observed	Not observed	Not observed	
Clear	Not observed	Not observed	Observed	Not observed	Not observed	
Dry	Not observed	Source dried				
Murky	Observed	Observed	Observed	Not observed	Not observed	
Murky	Observed	Observed	Observed	Not observed	Not observed	
Murky	Observed	Observed	Observed	Not observed	Not observed	
Murky	Observed	Not observed	Observed	Observed	Not observed	
Murky	Observed	Not observed	Observed	Observed	Not observed	
Murky	Observed	Not observed	Observed	Observed	Not observed	
Murky	Observed	Observed	Observed	Not observed	Observed	
Murky	Observed	Observed	Observed	Not observed	Observed	
Murky	Observed	Observed	Observed	Not observed	Observed	
Marshy	Observed	Observed	Not Observed	Observed	Observed	
Marshy	Observed	Observed	Not Observed	Observed	Observed	
Marshy	Observed	Observed	Not Observed	Observed	Observed	
Murky slime	Observed	Observed	Not observed	Observed	Observed	
Murky slime	Observed	Observed	Not observed	Observed	Observed	
Murky slime	Observed	Observed	Not observed	Observed	Observed	
Clear	Observed	Not observed	Not observed	Not observed	Not observed	
Clear	Observed	Not observed	Not observed	Not observed	Not observed	
Clear	Observed	Not observed	Not observed	Not observed	Not observed	
Clear	Observed	Observed	Observed	Not observed	Not observed	
Clear	Observed	Observed	Observed	Not observed	Not observed	
N/A	N/A	N/A	N/A	N/A	N/A	Monitoring s
Clear	Not observed					
Clear	Not observed					
Clear	Not observed					
Clear	Not observed	Not observed	Observed	Not observed	Not observed	
Clear	Not observed	Not observed	Observed	Not observed	Not observed	
Clear	Not observed	Not observed	Observed	Not observed	Not observed	
Clear	Observed	Observed	Observed	Observed	Observed	
Clear	Observed	Observed	Observed	Observed	Observed	
Clear	Observed	Observed	Observed	Observed	Observed	
Murky	Observed	Observed	Observed	Not observed	Observed	
Murky	Observed	Observed	Observed	Not observed		
Murky	Observed	Observed	Observed	Not observed	Observed	
Clear	Observed	Observed	Observed		Not observed	
Clear	Observed	Observed	Observed		Not observed	
Clear	Observed	Observed	Observed		Not observed	
Clear	Observed	Observed	Observed		Not observed	
Clear	Observed	Observed	Observed	Not observed	Not observed	
Clear	Observed	Observed	Observed	Not observed	Not observed	
Clear	Not observed	Not observed	Not observed		Not observed	
Clear	Not observed					
Clear	Not observed	Not observed	Not observed		Not observed	
Murky	Observed	Observed	Not observed	Not observed	Observed	
Murky	Observed	Observed	Not observed	Not observed		
Murky	Observed	Observed	Not observed	Not observed		
Clear	Observed	Observed	Observed	Not observed	Not observed	
Clear	Observed	Observed	Observed		Not observed	
Clear	Observed	Observed	Not observed	Not observed	Not observed	

ied up

g suspended 7/13/12

Clear	Not observed	Observed	Not observed	Observed	Observed	
Clear	Not observed	Observed	Not observed	Observed	Observed	
Clear	Observed	Observed	Not observed	Not observed	Observed	
Murky	Observed	Observed	Not observed	Observed	Observed	
Murky	Observed	Observed	Not observed	Observed	Observed	
Murky	Observed	Observed	Not observed	Observed	Observed	
Murky	Not observed	Observed	Observed	Not observed	Not observed	
Murky	Not observed	Observed	Observed	Not observed	Not observed	
Murky	Not observed	Observed	Observed	Not observed	Not observed	
Clear	Observed	Observed	Observed	Not observed	Observed	
Clear	Observed	Observed	Observed	Not observed	Observed	
Clear	Observed	Observed	Observed	Not observed	Observed	
Clear	Not observed	Observed	Observed	Not observed	Not observed	
Clear	Not observed	Observed	Observed	Not observed	Not observed	
Clear	Not observed	Observed	Observed	Not observed	Not observed	
Clear	Observed	Observed	Observed	Not observed	Not observed	
Clear	Observed	Observed	Observed	Not observed	Not observed	
Clear	Observed	Observed	Observed	Not observed	Not observed	
Clear	Not observed					
Clear	Not observed					
Clear	Not observed					
Slight murky	Observed	Observed	Not observed	Not observed	Observed	
Slight murky	Observed	Observed	Not observed	Not observed	Observed	Algae plu
Dry	Not observed	Source c				
Murky	Not observed	Observed	Not observed	Observed	Observed	
Murky	Not observed	Observed	Not observed	Observed	Observed	
Murky	Not observed	Observed	Not observed	Observed	Observed	
Murky	Observed	Observed	Observed	Not observed	Observed	
Murky	Observed	Observed	Observed	Not observed	Observed	
Murky	Observed	Observed	Observed	Not observed	Observed	
Clear	Observed	Observed	Observed	Not observed	Not observed	
Clear	Observed	Observed	Observed	Not observed	Not observed	
Clear	Observed	Observed	Not observed	Not observed	Not observed	
Murky	Observed	Observed	Observed	Observed	Observed	
Murky	Observed	Observed	Observed	Observed	Observed	
Murky	Observed	Observed	Observed	Observed	Observed	
Murky	Observed	Observed	Not observed	Not observed	Not observed	
Murky	Observed	Observed	Not observed	Not observed	Not observed	
Dry	Not observed	Source c				
Clear	Not observed	Not observed	Observed	Not observed	Not observed	
Clear	Not observed	Not observed	Observed	Not observed	Not observed	
Clear	Not observed	Not observed	Observed	Not observed	Not observed	
Clear	Observed	Observed	Not Observed	Not observed	Not observed	
Clear	Observed	Observed	Not Observed	Not observed	Not observed	
Clear	Observed	Observed	Not observed	Not observed	Not observed	
Murky	Observed	Observed	Observed	Not observed	Not observed	
Murky	Observed	Observed	Observed	Not observed	Not observed	
Murky	Observed	Observed	Observed	Not observed	Not observed	
Murky	Observed	Observed	Not observed	Not observed	Not observed	
Murky	Observed	Observed	Not observed		Not observed	
Murky	Observed	Observed	Not observed	Not observed	Not observed	
Clear	Not observed	Not observed	Not observed		Not observed	
Clear	Not observed					

Algae plumes Source dried up

Source dried up

N/A	N/A	N/A	N/A	N/A	N/A	Monitoring suspended 7/13
Clear	Observed	Observed	Observed	Not observed		
Clear	Observed	Observed	Observed	Not observed		
Clear	Observed	Observed	Observed	Not observed		
Murky	Not observed	Observed	Not observed	Not observed		
Murky	Not observed	Observed	Not observed	Not observed		
N/A	N/A	N/A	N/A	N/A	N/A	Monitoring suspended 7/13
Murky	Not observed	Not observed	Observed		Not observed	
Murky	Not observed	Not observed	Observed		Not observed	
Murky	Not observed	Not observed	Observed		Not observed	
Clear	Not observed	Not observed	Not observed	Not observed	Not observed	
Clear	Not observed	Not observed	Not observed	Not observed	Not observed	
Clear	Not observed	Not observed	Not observed	Not observed	Not observed	
Murky	Observed	Observed	Observed	Not observed	Not observed	
Murky	Observed	Observed	Observed	Not observed	Not observed	
Murky	Observed	Observed	Observed	Not observed	Not observed	
	Observed	Observed	Not observed	Not observed	Not observed	
	Observed	Observed	Not observed	Not observed	Not observed	
	Observed	Observed	Observed	Not observed	Not observed	
Foamy	Observed	Observed	Observed	Not observed	Not observed	
Foamy	Observed	Observed	Observed	Not observed	Not observed	
Foamy	Observed	Observed	Observed	Not observed	Not observed	
	Observed	Observed	Observed	Not observed	Not observed	
	Observed	Observed	Observed	Not observed	Not observed	
	Observed	Observed	Observed	Not observed	Not observed	
Murky	Not observed	Observed	Observed	Not observed	Observed	
Murky	Not observed	Observed	Observed	Not observed	Observed	
Murky	Not observed	Observed	Observed	Not observed Observed		
	Observed	Observed	Observed	Not observed	Not observed	
	Observed	Observed	Observed	Not observed	Not observed	
Dry	Dry	Dry	Dry	Dry	Dry	Source dried up
Marshy	Observed	Not observed	Not observed	Not observed	Observed	
Marshy	Observed	Not observed	Not observed	Not observed	Observed	
Marshy	Observed	Not observed	Not observed	Not observed	Observed	
Murky	Observed	Observed	Observed	Not observed	Not observed	
Murky	Observed	Observed	Observed	Not observed	Not observed	
Murky	Observed	Observed	Observed	Not observed	Not observed	
Murky	Not observed	Not observed	Observed	Not observed	Observed	
Murky	Not observed	Not observed	Observed	Not observed	Observed	
Murky	Not observed	Not observed	Observed	Not observed	Observed	
	Observed	Observed	Observed	Not observed	Observed	
	Observed	Observed	Observed	Not observed	Observed	
	Observed	Observed	Observed	Not observed	Observed	
Cloudy	Observed	Not observed	Observed	Not observed	Observed	
Cloudy	Observed	Not observed	Observed	Not observed	Observed	
Cloudy	Observed	Not observed	Observed	Not observed	Observed	
Clear	Not observed	Observed	Not observed	Not observed	Observed	
Clear	Not observed	Observed	Not observed	Not observed	Observed	
Clear	Not observed	Observed	Not observed	Not observed	Observed	
Clear	Observed	Observed	Not observed	Not observed	Not observed	
Clear	Observed	Observed	Not observed	Not observed	Not observed	
Clear	Observed	Observed	Not observed	Not observed	Not observed	
Murky	Observed	Observed				
-						

13/12

13/12

Murky	Observed	Observed	Not observed	Not observed	Not observed	
Murky	Observed	Observed	Not observed	Not observed	Not observed	
Murky	Observed	Observed	Observed	Not observed	Not observed	
Murky	Observed	Observed	Observed	Not observed	Not observed	
Murky	Observed	Observed	Observed	Not observed	Not observed	
Clear	Not observed	Observed	Not observed	Not observed	Not observed	
Clear	Not observed	Observed	Not observed	Not observed	Not observed	
Clear	Not observed	Observed	Not observed	Not observed	Not observed	
Brownish	Observed	Observed	Observed	Not observed	Observed	
Brownish	Observed	Observed	Observed	Not observed	Observed	
Brownish	Observed	Observed	Observed	Not observed	Observed	
Murky	Observed	Observed	Not Observed	Not observed	Not observed	
Murky	Observed	Observed	Not Observed	Not observed	Not observed	
Murky	Observed	Observed	Not Observed	Not observed	Not observed	
Cloudy	Observed	Observed	Observed	Not observed	Not observed	
Cloudy	Observed	Observed	Observed	Not observed	Not observed	
Cloudy	Observed	Observed	Observed	Not observed	Not observed	
Clear	Observed	Observed	Observed	Not observed	Not observed	
Clear	Observed	Observed	Observed	Not observed	Not observed	
Clear	Observed	Observed	Observed	Not observed	Not observed	
Brownish	Observed	Observed	Observed	Not observed	Not observed	
Brownish	Observed	Observed	Observed	Not observed	Not observed	
N/A	N/A	N/A	N/A	N/A	N/A	Monitoring suspended 7/13/12
Opaque	Observed	Not observed	Observed	Not observed	Not observed	
Opaque	Observed	Not observed	Observed	Not observed	Not observed	
Opaque	Observed	Not observed	Observed	Not observed	Not observed	
Brownish	Observed	Observed	Observed	Not observed	Not observed	
Brownish	Observed	Observed	Observed	Not observed	Not observed	
N/A	N/A	N/A	N/A	N/A	N/A	Monitoring suspended 7/13/12
Clear	Observed	Observed	Observed	Not observed	Not observed	
Clear	Observed	Observed	Observed	Not observed	Not observed	
N/A	N/A	N/A	N/A	N/A	N/A	Monitoring suspended 7/13/12
Clear	Observed	Observed	Observed	Not observed	Not observed	
Clear	Observed	Observed	Observed		Not observed	
N/A	N/A	N/A	N/A	N/A	N/A	Monitoring suspended 7/13/12

MVCAC NPDES Permit Coalition 2011/2012 Annual Report NPDES Vector Control Permit (Order No. 2012-0003-DWQ)

Prepared by

Mosquito and Vector Control Association of California NPDES Permit Coalition



February 22, 2013

TABLE OF CONTENTS

Executive Sur	nmaryES-1
Section 1	Introduction1-
Section 2	Summary of Monitoring Data2-7
	2.1Summary of Monitoring Data2-12.1.1Chemical Monitoring2-12.1.2Physical Measurements for Larvicides2-22.2Data Validation2-62.3West Nile Virus Activity2-72.4Recommendations2-7
Section 3	Best Management Practices
	3.1BMPs Currently in Use3-13.2BMP Modifications3-1
Section 4	Sampling Results
	 4.1 Adulticide Monitoring Results
Section 5	Sampling Location Maps

Tables

Table 1. Members of the MVCAC NPDES Permit Coalition
Table 2. MVCAC NPDES Permit Coalition Completed Chemical Monitoring 2011 and 2012
Table 3. MVCAC NPDES Permit Coalition Physical Measurements by Location, 2012
Table 4. MVCAC NPDES Permit Coalition Chemical Monitoring Data 2011 and 2012
Table 5. MVCAC NPDES Permit Coalition Visual Observations and Physical MeasurementsAssociated with Chemical Monitoring 2011 and 2012
Table 6. Pesticide Application Logs for Chemical Monitoring Events 2011 and 2012

Figures

- Figure 1. Statewide Chemical Monitoring Locations, MVCAC NPDES Permit Coalition, 2011 and 2012
- Figure 2. MVCAC Monitoring Event 2011-1 Naled Aerial Application 07/28/11 San Joaquin MVCD



TABLE OF CONTENTS

- Figure 3. MVCAC Monitoring Event 2011-2 Sumithrin Aerial Application 07/28/11 Sac-Yolo MVCD
- Figure 4. MVCAC Monitoring Event 2011-3 Sumithrin Aerial Application 08/09/11 Sac-Yolo MVCD
- Figure 5. MVCAC Monitoring Event 2011-4 Pyrethrin / PBO Aerial Application08/23/11 Sac-Yolo MVCD
- Figure 6a. MVCAC Monitoring Event 2011-5 Sumithrin Aerial Application 09/29/11 Sac-Yolo MVCD
- Figure 6b. MVCAC Monitoring Event 2011-5 Sumithrin Aerial Application 09/29/11 Sac-Yolo MVCD
- Figure 7. MVCAC Monitoring Event 2012-1 Sumithrin Truck Mounted Application 05/16/12 San Joaquin MVCD
- Figure 8. MVCAC Monitoring Event 2012-2 Malathion Truck Mounted Application 05/25/12 San Joaquin MVCD
- Figure 9. MVCAC Monitoring Event 2012-3 Sumithrin Aerial Application 06/11/12 Sac-Yolo MVCD
- Figure 10. MVCAC Monitoring Event 2012-4 Naled Aerial Application 06/12/12 Sac-Yolo MVCD
- Figure 11. MVCAC Monitoring Event 2012-5 Pyrethrin / PBO Truck Mounted Application 06/26/12 Coachella Valley MVCD
- Figure 12. MVCAC Monitoring Event 2012-6 Sumithrin and Prallethrin Truck Mounted Application 07/18/12 Greater Los Angeles County VCD
- Figure 13a. MVCAC Monitoring Event 2012-7 Permethrin Truck Mounted Application 07/23/12 Coachella Valley MVCD
- Figure 13b. MVCAC Monitoring Event 2012-7 Permethrin Truck Mounted Application 07/23/12 Cochella Valley MVCD
- Figure 14a. MVCAC Monitoring Event 2012-8 Permethrin Truck Mounted Application 08/01/12 Tehama County MVCD
- Figure 14b. MVCAC Monitoring Event 2012-8 Permethrin Truck Mounted Application 08/01/12 Tehama County MVCD
- Figure 14c. MVCAC Monitoring Event 2012-8 Permethrin Truck Mounted Application 08/01/12 Tehama County MVCD
- Figure 15a. MVCAC Monitoring Events 2012-9, 2012-10, and 2012-12 Permethrin Truck Mounted Application 09/13/12, 09/20/12, and 09/27/12 Sutter/Yuba MVCD
- Figure 15b. MVCAC Monitoring Events 2012-9 and 2012-10 Permethrin Truck Mounted Application 09/13/12 and 09/20/12 Sutter/Yuba MVCD
- Figure 15c. MVCAC Monitoring Event 2012-10 Permethrin Truck Mounted Application 09/20/12 Sutter/Yuba MVCD

TABLE OF CONTENTS

- Figure 16. MVCAC Monitoring Event 2012-11 Etofenprox Truck Mounted Application 09/26/12 Greater LA County VCD
- Figure 17. MVCAC Monitoring Event 2012-13 Pyrethrin Aerial Application 10/03/12 Merced County MAD
- Figure 18. MVCAC Monitoring Event 2012-14 Pyrethrin Truck Mounted Application Butte County 11/14/12 MVCD

Appendices

Appendix A. MVCAC NPDES Permit Coalition Physical Measurements for Larvicide Applications



μg/L	micrograms per liter
BMPs	Best Management Practices
CDPH	California Department of Public Health
DDT	dichlorodiphenyltrichloroethane
DO	dissolved oxygen
EC	electrical conductivity
EPA	United States Environmental Protection Agency
IPM	integrated pest management
MAD	Mosquito Abatement District
MDL	method detection limit
MRP	Monitoring and Reporting Program
MVCAC	Mosquito and Vector Control Association of California
MVCD	Mosquito and Vector Control District
NPDES	National Pollutant Discharge Elimination System
NTU	nephelometric turbidity units
PAL	Pesticide Application Log
PAP	Pesticide Application Plan
PBO	piperonyl butoxide
QAPP	Quality Assurance Project Plan
QA/QC	quality assurance/quality control
RL	reporting limit
RPD	relative percent differences
RWQCB	Regional Water Quality Control Board
SWRCB	State Water Resources Control Board
ULV	ultra-low volume
VCD	Vector Control District
WNv	West Nile virus
WOTUS	Waters of the United States

On November 1, 2011 the Statewide National Pollutant Discharge Elimination System (NPDES) Permit for Biological and Residual Pesticide Discharges to Waters of the United States from Vector Control Applications (Water Quality Order No. 2011-0002-DWQ as amended by Water Quality Order No. 2012-0003-DWQ) became effective. Under this general permit, entities involved in the application of vector control pesticides that results in a discharge of biological and residual pesticides to waters of the United States are required to comply with the permit's Monitoring and Reporting Program (MRP). The permit encourages dischargers to form monitoring coalitions with others doing similar applications in similar environmental settings. The Mosquito Vector Control Association of California (MVCAC) NPDES Permit Coalition (Coalition) consists of 64 member districts and agencies. In 2011 and 2012, the Coalition implemented its Monitoring Plan (dated September 12, 2011) and Quality Assurance Project Plan (dated September 12, 2011) which were developed to comply with the MRP from the Vector Control Permit.

During 2011 and 2012 the Coalition conducted chemical monitoring at 61 locations during 19 adulticide application events and performed the necessary visual, physical, and chemical testing reportable under the Vector Control Permit. The Coalition also coordinated physical monitoring for 136 larvicide application events in 2012. MVCAC member agencies were in full compliance with the monitoring requirements of the Vector Control Permit for mosquito larvicides and adulticides. However, during 2012, exceedances of Receiving Water Limitations or Receiving Water Monitoring Triggers were identified following five application events:

- One "event" sample with a malathion concentration of 0.11 μ g/L collected approximately 24 hours after a May 25, 2012 malathion (Fyfanon EPA Reg. No. 67760-34) application by the San Joaquin County Mosquito and Vector Control District exceeded the receiving water limit of 0.1 μ g/L by 0.01 μ g/L.
- The Instantaneous Maximum Monitoring Trigger of 0.014 µg/L for piperonyl butoxide (PBO) in PBO/pyrethrin mixtures was exceeded in three "event" samples collected after a five-day application of PBO/pyrethrin (Pyrenone 25-5 Public Health Insecticide– EPA Reg. No. 432-1050) by Coachella Valley Mosquito and Vector Control District from June 26 to June 30, 2012. Two of the "background" samples collected prior to the application already exceeded the trigger.
- The Instantaneous Maximum Monitoring Trigger of 0.0019 µg/L for etofenprox was exceeded in one "event" sample collected after an application of Zenivex (RF2146 RTU – EPA Reg. No. 2724-807) on September 26, 2012 by the Greater Los Angeles County Vector Control District.
- The Instantaneous Maximum Monitoring Trigger of 0.014 µg/L for PBO in PBO/pyrethrin mixtures was exceeded in three "event" samples collected after an October 3, 2012 application of PBO/pyrethrin (EverGreen 6-60 EPA Reg. No. 1021-1770) by Merced County Mosquito Abatement District. One "background" sample collected prior to the application already exceeded the trigger.
- The Instantaneous Maximum Monitoring Trigger of 0.014 µg/L for PBO in PBO/pyrethrin mixtures was exceeded in one "event" sample collected after a November 14, 2012 application of PBO/pyrethrin (Pyrocide 7396 – EPA Reg. No.1021 1569) by Butte County Mosquito and Vector Control District.

These exceedances were reported to the State Water Resources Control Board (SWRCB) and appropriate Regional Water Quality Control Board. Investigations of these exceedances were conducted as required by the five day written report. No adverse effects were witnessed as a result of these exceedances of Receiving Water Limitations and Receiving Water Monitoring Triggers.

Improvements to individual district pesticide application plans (PAPs) and their associated best management practices (BMPs) will be determined by individual member districts during their annual reporting as required by the Vector Control Permit.

This is the 2011 and 2012 Annual Report for the Mosquito Vector Control Association of California (MVCAC) National Pollutant Discharge Elimination System (NPDES) Permit Coalition (Coalition) as required under the Statewide NPDES Permit for Biological and Residual Pesticide Discharges to Waters of the United States from Vector Control Applications (Water Quality Order No. 2011-0002-DWQ as amended by Water Quality Order No. 2012-0003-DWQ; Vector Control Permit). The Coalition is responsible for coordinating all physical measurements and conducting all chemical monitoring required under the Vector Control Permit Monitoring and Reporting Program (Attachment C of Permit; MRP) for its members. This Annual Report presents the chemical monitoring data as well as the visual observations and physical measurements made during associated site visits. This Annual Report also includes physical measurement data and associated visual observations for larvicide applications required by the Vector Control Permit. This Annual Report includes data collected in 2011 and 2012.

Member districts of the Coalition will submit individual annual reports in compliance with the Vector Control Permit. Individual annual reports will focus on comprehensive pesticide applications logs (PALs) for all larvicide and adulticide applications to Waters of the United States (WOTUS). Member District annual reports will also address recommendations to improve their respective Pesticide Application Plans (PAPs) and best management practices (BMPs).

Members of the MVCAC NPDES Permit Coalition are listed in Table 1.

Alameda County MAD	Merced County MAD
Alameda County VCSD	Napa County MAD
Burney Basin MAD	Nevada County Community Development Agency
Butte County MVCD	Northern Salinas Valley MAD
City of Alturas	Northwest MVCD
City of Blythe	Orange County VCD
City of Long Beach	Oroville MAD
City of Moorpark	Owens Valley MAD
City of Pasadena	Pine Grove MAD
City of San Francisco	Placer MVCD
Coachella Valley MVCD	Riverside County Vector Control Program
Colusa MAD	Sacramento - Yolo MVCD
Compton Creek MAD	Saddle Creek Community Services District
Consolidated MAD	San Benito County Agricultural Commission
Contra Costa MVCD	San Bernardino County
Delta VCD	San Diego County Department of Environmental Health - Vector Control Program
Durham MAD	San Gabriel Valley MVCD
East Side MAD	San Joaquin County MVCD

Table 1. Members of the MVCAC NPDES Permit Coalition

URS (15758R-PRJ01)PROJECTS (MVCAC_NPDES_26817690)5-DELIVERABLES (2012 ANNUAL REPORT)FINAL MVCAC 2012 ANNUAL REPORT 2-21-12 V2.DOCX 1-1

El Dorado County Environmental Management	San Mateo County MVCD
Fresno MVCD	Santa Barbara County, Mosquito and Vector Management District of
Fresno Westside MAD	Santa Clara County VCD
Glenn County MVCD	Santa Cruz County MVCD
Greater Los Angeles County VCD	Shasta MVCD
Imperial County Vector Control	Solano County MAD
June Lake Public Utility District	South Fork MAD
Kern MVCD	Sutter-Yuba MVCD
Kings MAD	Tehama County MVCD
Lake County VCD	Tulare County MAD
Los Angeles County West VCD	Turlock MAD
Madera County MVCD	Ventura County Environmental Health Division
Mammoth Lakes MAD	West Side MVCD
Marin/Sonoma MVCD	West Valley MVCD

Notes:

MAD = Mosquito Abatement District

MVCD = Mosquito and Vector Control District

VCD = Vector Control District

Vector Control Permit compliance sampling for 2011 and 2012 was conducted alongside a pilot ecotoxicology study (Pilot Study) performed by Granite Canyon Laboratory of University of California, Davis, under contract to the State Water Resources Control Board (SWRCB). The purpose of the Pilot Study is to assess whether toxicity sampling and testing should be added as a requirement under the Vector Control Permit. Results of the Pilot Study will be reported separately by Granite Canyon Laboratory.

The organization of this Annual Report follows the reporting requirements described in Attachment C, Section IV.B of the Vector Control Permit. Section 2 includes a summary of the physical measurements and chemical monitoring data and recommendations to improve the MRP. Section 3 describes typical BMPs implemented by MVCAC member districts. Section 4 includes tables listing the monitoring results and Pesticide Application Logs for applications where chemical monitoring was conducted. Section 5 includes maps showing the location of each application/target area and chemical monitoring stations.

2.1 SUMMARY OF MONITORING DATA

Reported monitoring data follows the monitoring and reporting requirements for mosquito larvicide and adulticide applications as described in the Provisions (Section IX) and MRP (Attachment C) of the Vector Control Permit.

In 2011 and 2012, the MVCAC NPDES Permit Coalition coordinated physical measurements and conducted chemical monitoring. Samples and measurements taken for the purpose of monitoring were representative of the monitored activity. They characterize aerial and truck applications, and cover a broad geographic range. Visual observations include descriptions of the monitoring area, appearance of the waterway, and weather conditions. Physical measurements collected in the field include temperature, pH, electric conductivity (EC), and dissolved oxygen (DO). Turbidity was measured in the field or at a laboratory. Chemical monitoring includes the adulticide active ingredients listed in the Vector Control Permit. Temephos, the only larvicide for which chemical monitoring is required, was not applied in 2011 or 2012. Concentrations of pyrethrins, permethrin, sumithrin, prallethrin, etofenprox, PBO, naled, and malathion were analyzed and reported by the California Department of Fish and Wildlife Water Pollution Control Laboratory (Gold River, California) in 2011 and Caltest Analytical Laboratory (Napa, California) in 2012.

Monitoring was conducted in accordance with the MVCAC Monitoring Plan (dated September 11, 2011) and Quality Assurance Project Plan (QAPP) (dated September 12, 2011), which were developed in accordance with the Vector Control Permit MRP. The MVCAC Monitoring Plan describes in detail the monitoring requirements and the Coalition's approach to monitoring. The QAPP outlines the procedures that the Coalition uses to ensure that samples, data, and reports meet project quality objectives, including sample collection methodologies, and field and laboratory quality assurance/quality control measures.

2.1.1 Chemical Monitoring

During 2011 and 2012, the Coalition contracted with URS Corporation (URS) to conduct chemical monitoring towards meeting the permit requirements. Chemical monitoring was conducted at 61 locations during 19 adulticide application events. The 2011 sampling preceded the November 1, 2011 effective date of the Vector Control Permit. However, SWRCB staff agreed that monitoring conducted in 2011 could apply towards the permit requirements of six samples for each active ingredient in each environmental setting. The active ingredients sampled in 2011 and 2012 include: pyrethrin, piperonyl butoxide (PBO) in PBO/pyrethrin mixture, permethrin, sumithrim, etofenprox, naled, and malathion. PBO was sampled with every pyrethroid application. Table 2 illustrates the Coalition's progress towards meeting the chemical monitoring requirements of the Vector Control Permit MRP.

	Agrice	ultural	Ur	ban	Wetland				
Active Ingredient	Required	Completed	Required	Completed	Required	Completed			
Pyrethrin	6	6	6	6	6	6			
PBO/Pyrethrin	6	6	6	6	6	6			
Permethrin	6	6	6	6	6	1			
Resmethrin	6	0	6	0	6	0			
PBO/Resmethrin	6	0	6	0	6	0			
Sumithrin	6	6	6	6	6	6			
Prallethrin	6	0	6	1	6	0			
Etofenprox	6	0	6	1	6	0			
РВО	6	12	6	13	6	7			
Naled	6	1	6	6	6	2			
Malathion	6	1	6	0	6	1			
MGK-264	6	0	6	0	6	0			
Temephos	6	0	6	0	6	0			

Table 2. MVCAC NPDES Permit Coalition Completed Chemical Monitoring 2011 and 2012

Monitoring events involve coordination between many parties (e.g., member district making the application, MVCAC NPDES Permit Coalition, URS, URS subcontractor (Michael L. Johnson, LLC), field crew members, analytical laboratory, Pilot Study team). Because decisions to apply adulticides are often made less than 24-hours before the application, it is not always feasible to sample a given application event. A typical monitoring event involves the following steps:

- The MVCAC NPDES Permit Coalition distributes a list of chemical monitoring needs to member districts.
- A member district with a planned application that meets monitoring needs contacts the MVCAC NPDES Permit Coalition with timing and location information.
- The MVCAC NDPES Permit Coalition contacts URS to confirm availability of trained field staff within the given timeframe.
- URS, field crew staff, Pilot Study team, and the member district making application • coordinate to develop sampling details (i.e., timing for "background" and "event" samples, representativeness of sampling station(s), access details, logistics, etc.). In most cases, more than one hydrologically-isolated station is targeted for each application.
- The laboratory is informed of sampling plans to confirm ability to receive, process, and • analyze samples within hold times. This is especially critical if samples will be collected on a Friday and/or weekend.

- The field crew meets with the member district for a reconnaissance visit in the field to confirm decisions about sample station(s) locations.
- The "background" sample is collected within 24-hours prior to the application. The "event" sample is collected within 24-hours after the application. Sample collection methods follow those described in the Monitoring Plan.
- In most cases, an additional sample is collected between 8 and 12 hours after the application for the Pilot Study.

Chemical monitoring laboratory results, including the associated visual observations and physical measurements, are listed in Tables 4 and 5. Pesticide application information (i.e., PALs) for each monitored event is provided in Table 6. Maps for each monitored event showing the target application area and sample station(s) are included in Figures 2 through 18. Figure 1 illustrates the overall geographic distribution of all samples collected in 2011 and 2012.

In 2012, the following exceedances of Receiving Water Limitations and/or Receiving Water Monitoring Triggers were identified upon review of laboratory results associated with five application events. These exceedances were reported to the SWRCB and appropriate Regional Water Quality Control Board (RWQCB).

- One "event" sample (with a reported malathion concentration of $0.11 \,\mu$ g/L) collected approximately 24 hours after a May 25, 2012 malathion (Fyfanon – EPA Reg. No. 67760-34) application (Event 2012-2) by the San Joaquin County MVCD exceeded the Receiving Water Limit of 0.1 μ g/L by 0.01 μ g/L. Preliminary results of the Pilot Study show no water toxicity associated with this application event.
- The Instantaneous Maximum Monitoring Trigger of 0.014 µg/L for PBO in PBO/pyrethrin mixtures was exceeded in hree "event" samples collected after a five-day application of PBO/pyrethrin (Pyrenone 25-5 Public Health Insecticide- EPA Reg. No. 432-1050) by Coachella Valley MVCD from June 26 to June 30, 2012 (Event 2012-5). Two of the "background" samples collected prior to the application already exceeded the trigger. PBO concentrations were well below the PBO-only Instantaneous Maximum Monitoring Trigger of 49 µg/L, pyrethrin concentrations were below the MDL of 0.05 µg/L, and preliminary results of the Pilot Study show no water toxicity associated with this application event.
- The Instantaneous Maximum Monitoring Trigger of 0.0019 µg/L for etofenprox was • exceeded in one "event" sample collected after an application of Zenivex (RF2146 RTU -EPA Reg. No. 2724-807) on September 26, 2012 by the Greater Los Angeles County Vector Control District. Preliminary results of the Pilot Study suggest that etofenprox did not contribute to toxicity associated with the "event" sample.
- The Instantaneous Maximum Monitoring Trigger of 0.014 µg/L for PBO in PBO/pyrethrin mixtures was exceeded in three "event" samples collected after an October 3, 2012 application of PBO/pyrethrin (EverGreen 6-60 – EPA Reg. No. 1021-1770) by Merced County MAD (Event 2012-13). One "background" sample collected prior to the application already exceeded the trigger. PBO concentrations were below the PBO-only Instantaneous Maximum Monitoring Trigger of 49 µg/L, pyrethrin concentrations were below the MDL of 0.05 µg/L, and preliminary results of the Pilot Study show no water toxicity associated with this application event.

The Instantaneous Maximum Monitoring Trigger of 0.014 µg/L for PBO in PBO/pyrethrin mixtures was exceeded in one "event" sample collected after a November 14, 2012 application of PBO/pyrethrin (Pyrocide 7396 - EPA Reg. No.1021 1569) by Butte County MVCD (Event 2012-14). PBO concentrations were below the PBO-only Instantaneous Maximum Monitoring Trigger of 49 µg/L and pyrethrin concentrations were below the MDL of 0.05 μ g/L. This application event was not included in the Pilot Study.

Investigations of these exceedances were conducted as required by the Five-Day Written report. Member districts confirmed that PAPs and product label requirements were followed. No adverse effects were witnessed as a result of these exceedances of Receiving Water Limitations and Receiving Water Monitoring Triggers.

The standard turnaround time for laboratory results is three weeks. Therefore, exceedances of Receiving Water Limitations and Receiving Water Monitoring Triggers cannot be identified until well after the application event is complete. For this reason, the MVCAC NPDES Permit Coalition recommends that the permit requirement to provide a Twenty-Four Hour Report for exceedances (Section IX.C.3.a) be removed and that reporting of these findings be limited to the Five-Day Written Report. The information is duplicative and immediate reporting does not provide additional protection of WOTUS.

2.1.2 Physical Measurements for Larvicides

Physical measurements (temperature, pH, EC, DO, and turbidity) for larvicide applications were coordinated by the Coalition. The MRP requires physical measurements for six application events for each larvicide active ingredient in each environmental setting (urban, agricultural, wetland). Measurements must be made within 24-hours prior to application (background), within 24-hours after the application (event), and within 1-week after project completion (postevent). A list of all the larvicide active ingredients and each environmental setting for which physical measurements are required by the Vector Control Permit was distributed to member districts and representatives from a wide geographic range were sought to meet the requirements. MVCAC purchased several multi-probe (YSI 556) and turbidity (La Motte 2020) meters which they made available to volunteer districts. The Coalition contracted with URS to prepare a How-To Manual and to conduct a webinar on use of the equipment and reporting requirements. Table 3 lists which districts collected physical measurements for each active ingredient in 2012. Some of the representing districts completed their physical measurements in early-2013. Physical measurements and associated visual observations are included in this Annual Report as Appendix A.

	Registration	Environmental Setting							
Product Name	Number	Rural/Ag	Urban	Wetland					
Bacillus sphaericus		V	olunteer Distr	ict					
Vectolex CG Biological Larvicide	73049-20								
Vectolex WDG Biological Larvicide	73049-57	ат.							
Vectolex WSP Biological Larvicide	73049-20	San Joaquin	Greater LA	San Mateo (6)					
Spheratax SPH (50 G) WSP	84268-2	(6)	(6)						
Spheratax SPH (50 G)	84268-2								

Table 3. MVCAC NPDES Permit Coalition Physical Measurements by Location, 2012

URS (1575SR-PRJ01)PROJECTS/MVCAC_NPDES_26817690/5-DELIVERABLES/2012 ANNUAL REPORT/FINAL MVCAC 2012 ANNUAL REPORT 2-21-12 V2.DOCX 2-4

	Registration	Env	ironmental Se	tting
Product Name	Number	Rural/Ag	Urban	Wetland
Bacillus thuringiensis			1	
Vectobac Technical Powder	73049-13			
Vectobac-12 AS	73049-38			
Aquabac 200G	62637-3		Greater LA	Butte County
Teknar HP-D	3049-404	Placer (6)	(6)	(6)
Vectobac-G Biological Mosquito Larvicide Granules	73049-10			
Aquabac xt	62637-1			
Bacillus sphaericus and Bacillus thurigensis		•	•	
Vectomax CG Biological Larvicide	3049-429			
Vectomax WSP Biological Larvicide	3049-429	1	San Joaquin	San Joaquin
Vectomax G Biological Larvicide/Granules	3949-429	Lake County	(2)	(2)
FourStar Briquets	83362-3	(6)	San Diego (4)	San Diego (4)
FourStar SBG	85685-1			
Methoprene		•	•	
Zoecon Altosid Pellets	2724-448			
Zoecon Altosid Pellets	2724-375			
Zoecon Altosid Liquid Larvicide Mosquito Growth Regulator	2724-392		Greater LA	Napa County
Zoecon Altosid XR Entended Residual Briquets	2724-421	Shasta (6)	(6)	(6)
Zoecon Altosid Liquid Larvicide Concentrate	2724-446			~ /
Zoecon Altosid XR-G	2724-451			
Zoecon Altosid SBG Single Brood Granule	2724-489			
Petroleum Distillates		•	•	
Mosquito Larvicide GB-1111	8329-72			
BVA 2 Mosquito Larvicide Oil	70589-1	San Joaquin	Greater LA	Sac-Yolo (6)
BVA Spray 13	55206-2	(6)	(6)	
Monomolecular Films		·	•	
Agnique MMF Mosquito Larvicide & Pupicide	53263-28	Sac-Yolo (3)		
Agnique MMF G	53263-30	Owens Valley (3)	Coachella (6)	Coachella (6)
Spinosads				
Natular 2EC	8329-82			
Natular G	8329-80	Coachella (6)	Greater LA	Sac-Yolo (6)
Natular XRG	8329-83		(6)	Sac-1010 (0)
Natular XRT	8329-84			

Table 3. MVCAC NPDES Permit Coalition Physical Measurements by Location, 2012

Each volunteer district prepared a monitoring database of physical measurements and associated visual observations for larvicide applications using the SWRCB-provided monitoring log sheet. The databases were submitted to the Coalition and URS for compilation and presentation in this Annual Report (see Appendix A). Appendix A modifies the SWRCB format by removing the "method" columns because all districts used the same type of field meters. Some EC and DO data were also updated to correct for differences in units for the purposes of conformity (i.e., siemens per meter versus microsiemens per centimeter).

The MRP does not require assessment of visual observations or physical measurement data. However, a preliminary review of the results suggests that (with one exception) there are no differences between background, event, and post-event samples that could not be explained by diurnal factors or subjective observations by different field personnel. The single exception is observations of "light" water surface oils reported by Owens Valley Mosquito Abatement Program in event samples following application of monomolecular films in an agricultural setting. There is nothing to demonstrate that results of the physical monitoring differ from the normal variability that would occur at sites with no applications. Moreover, many of the application and monitoring sites are in areas with public access and are therefore subject to impacts beyond the control of MVCAC member districts. This is particularly true of sites in urban settings. Based on these findings, there is no environmental or public benefit from continuing to collect physical measurements for larvicide applications and the MVCAC NPDES Permit Coalition recommends removing the requirement to collect physical measurements for larvicide applications from the Vector Control Permit.

2.2 DATA VALIDATION

Laboratory data were evaluated for quality assurance and quality control (QA/QC) in accordance with project QAPP guidelines. These data were reviewed for the QA/QC elements of precision, accuracy, and contamination.

The QA/QC parameters reviewed during data evaluation include the following:

- Holding Times Holding times were checked to see if they were in excess of EPA guidelines. Holding times were calculated using analysis date, preparation date, and/or test date in relation to sampling date.
- Method Blanks Blank analyses were reviewed for evidence of potential contamination.
- Laboratory Control Samples Recoveries and relative percent differences were reviewed as a check for analytical accuracy and precision.
- Matrix Spikes Spike and spike duplicate recoveries and relative percent differences were reviewed as a check for analytical precision and accuracy.
- Sample Surrogate Spikes Spike recoveries were reviewed as a check for accuracy.

URS reviewed data reported by Caltest from 2012 monitoring events. Laboratory reports from 2011 were reviewed by Granite Canyon Laboratory using similar QA/QC methods.

Samples collected for the MVCAC program were evaluated for organophosphorus pesticides (EPA Method 614), pyrethrins and pyrethroids (EPA Method 625M). This QA/QC evaluation focused on results for active ingredients of applied pesticides only.

Overall the data quality was acceptable. Only one "background" sample for PBO in a PBO/pyrethrin mixture was rejected due to serious deficiencies in meeting quality control criteria. Other sample results were qualified as indicated in Table 4. Detailed findings and results of the data validation are available upon request.

Field duplicates were analyzed and relative percent differences (RPDs) are calculated to evaluate precision. The following criteria were used for validation of field duplicate results. Where both the sample and duplicate values are greater than 5 times the reporting limit (RL), acceptable

sampling and analytical precision is indicated by an RPD for the duplicate pair of less than or equal to 20 percent for water samples. Where one or both analytes of the duplicate pair are less than 5 times the RL, satisfactory precision is indicated if the field duplicate results agree within the higher RL for water samples. Three field duplicates were collected in 2012. Results were either the same as the original sample or within acceptable limits. Results are reported in Table 4 as medians of the two concentrations according to Reporting Protocols in the MRP.

Three field blanks were collected in 2012. All field blanks had non-detect pesticide concentrations.

2.3 WEST NILE VIRUS ACTIVITY

West Nile virus (WNv) is a mosquito-borne disease that is common in Africa, west Asia, the Middle East, and more recently, North America. Human infection with WNv may result in serious illness. It first appeared in California in 2002, yet within two years, in 2004, WNv activity was observed in all 58 counties.

ArboNET is the Center for Disease Control's internet-based passive surveillance system for arboviral diseases (including West Nile virus) in the United States. Data are uploaded to ArboNET on a weekly basis by state and local health departments. In 2012 a total of 451 human cases of WNv were reported to ArboNET. Based on Center for Disease Control studies, there were probably an estimated additional 14,000 cases that were not diagnosed or reported.

2.4 RECOMMENDATIONS

In this initial experimental period of compliance with the new Vector Control Permit, the MVCAC NPDES Permit Coalition was formed to gather data to better understand how the activities of MVCAC members and their application of pesticides affects the important goals of water quality.

As is explained in Section 3.1, MVCAC member agencies employ integrated pest management (IPM) and thus use of adulticides to control adult mosquitos is the method of control of last resort, when it becomes necessary, such as in the event of a disease outbreak (documented presence of infectious virus in active host-seeking adult mosquitoes), or lack of access to larval sources leading to the emergence of large numbers of adult mosquitoes.

First and foremost, MVCAC promotes education to prevent the formation of mosquito habitat. To that end, MVCAC encourages all public agencies to incorporate the California Department of Public Health (CDPH) BMPs in all their planning and permitting documents and requirements. In educating all landowners about the simple, low-cost steps they can take to not create mosquito habitat in the first place, MVCAC can do more to prevent disease and the use of adulticides than any other action it can take. This step alone has the greatest potential to reduce the need for adulticides.

While MVCAC presses for introduction of these education and information tools throughout the state, its second level of protection is the employment of physical and biological control as tools to reduce the potential for mosquito breeding sites to form. Such steps include the introduction of predacious organisms such as mosquito fish to control the mosquito populations in their aquatic stage. The third and fourth steps in the IPM process are chemical control of mosquitoes

using larvicides and adulticides. It is these latter two steps that we have undertaken to monitor pursuant to the terms of the new Vector Control Permit.

The larval control applications implemented by mosquito control districts were required to have visual and physical monitoring only (aside from temephos) due to the recognition that these products are highly specific to mosquito larvae and are widely accepted as excellent BMPs. The initial concern regarding mosquito control products was the products used for adulticiding, as these products are designed to target mosquitoes in the air and not enter the waterways. The nature of applications of adulticides is to treat over a specific area and drift the material through the zone, killing mosquitoes when they come in contact with the product. It is understood that some of the material, if treated over waterways, could through the force of gravity come in contact with the water. The Vector Control Permit was designed to determine, if any, the impact that these applications would have on water quality.

There are currently twelve adulticide active ingredients in use, two are organophosphate insecticides (naled and malathion) which are used in rotation with a choice of ten pyrethrins or pyrethroids combinations to avoid the development of resistance. Of the 12, seven are used for over 95% percent of the applications. As a result, those seven are the ones for which the most data has been collected in this report. As it has been for the past two years, it is unlikely that the permit's data collection requirements can be met for the remaining five adulticide active ingredients since they see rare and infrequent application. Thus, in this critically important public health need to prevent spread of diseases carried by mosquitos, there are precious few tools available to mosquito control. The adulticide market is so restrictive that MVCAC member agencies have only two classes of products available, pyrethroids and organophosphates.

The active ingredients currently in the twelve products used for control of adult mosquitoes have been deliberately selected for lack of persistence and minimal effects on non-target organisms when applied at label rates for ultra-low volume (ULV) mosquito control.

For that reason, pyrethroids and pyrethrins now constitute the majority of commercial household insecticides. They are usually degraded by sunlight and the atmosphere in one or two days, and do not significantly affect groundwater quality. Their unusually fast biodegradation make them among the best in class for the environment.

While, it may seem desirable to use them to the exclusion of organophosphates, naled and malathion, there is a risk that exclusive reliance on pyrethrins and pyrethroids could result in resistance. Should resistance occur, the use of organophosphates could increase dramatically. Currently, organophosphates constitute approximately 7% of all adulticide applications, with pyrethrins and pyrethroids constituting the majority remainder 93% (from California Department of Pesticide Regulation database).

The risk of resistance is very real, and a serious concern. Up until the 1950s, bedbugs were almost eradicated through the use of dichlorodiphenyltrichloroethane (DDT). After the use of DDT for this purpose was banned, pyrethroids became more commonly used against bedbugs. As of 2010 nearly all populations of bedbugs have evolved nerve cells impervious to pyrethroids, and pyrethroids are no longer effective in combatting bedbug infestations

While pyrethrins are produced from the chrysanthemum flower, pyrethroids are an organic compound similar to the natural pyrethrins produced by the flowers of pyrethrums (*Chrysanthemum cinerariaefolium* and *C. coccineum*). The pyrethroids represented a major

advancement in the chemistry that would synthesize the analog of the natural version found in pyrethrum. Its insecticidal activity has relatively low mammalian toxicity and an unusually fast biodegradation. They both rapidly knock down flying insects but have negligible persistence which is good for the environment.

The different versions and combinations of pyrethrins and pyrethroids may all have slightly different chemical configurations; however, they all act in the same manner to knock down flying adult mosquitoes. The EPA registration requirements for each are consistent and nearly identical. The voluminous studies relied upon by EPA in granting registration for the different versions found the impacts of these products in water are consistent as well. The physical and monitoring data contained in this report demonstrate that EPA's registration studies are indeed borne out, and these products do not significantly impact water quality.

Taking a "trust but verify" approach, the SWRCB determined that an abundance of caution should be incorporated in the early years of this new NPDES permit. To that end, the permit contained requirements to test "background" and "event" samples from 18 application events for each active ingredient in the different pyrethrins and pyrethroids (pyrethrin, PBO with pyrethrin, permethrin, resmethrin, PBO with resmethrin, sumithrin, prallethrin, etofenprox, PBO, and MGK 264) - a total of ten products in this class for 180 application events and 360 total samples. The Coalition sampled 87 of the required 180 application events in 2011 and 2012 with the majority of those being five products (pyrethrin, PBO with pyrethrin, sumithrin, permethrin, and PBO). The other five products (resmethrin, PBO with resmethrin, prallethrin, etofenprox, and MGK 264) are rarely used and it is unlikely that sufficient uses will be performed to complete the testing in the future.

The data collected on these products showed similar results with only 8 of 51 (16%) samples analyzing pyrethrin, permethrin, sumithrin, or etofenprox even detecting the active ingredient. PBO was analyzed in 100 total samples, more than the permit requirement of 72 samples because it was applied with all pyrethroids. PBO was detected above the very low method detection limit of 0.005 µg/L in 63 (63%) of those samples. The Coalition, based on the nature and application of similar products, would expect these percentages to be similar to those not tested.

Naled and malathion are the other class of pesticides used for mosquito control, organophosphates. There were 11 of 36 application events sampled for this class. Of the 22 "background" and "event" samples only 2 were above detection limits. The Coalition expects that if more testing were to occur, the results would be similar to those already collected.

The physical and chemical monitoring results contained in this report indicate that the active ingredient being sampled is rarely present in the waterway. While there have been some events for which preliminary results of the Pilot Study showed water toxicity (mostly in naled applications), the presence of the material in the waterway is of extremely short duration. Thus, there does not seem to be any significant long term impact to the beneficial uses of the waters.

For all the above reasons, further chemical testing is not likely to result in identification of any new information or any environmentally beneficial improvements to water quality.

3.1 **BMPS CURRENTLY IN USE**

Member districts of MVCAC implement the BMPs provided in their respective PAPs in meeting the requirements of the Vector Control Permit. MVCAC member agencies follow an integrated pest management (IPM) approach that strives to efficaciously use pesticides and minimize their impact on the environment while protecting public health. Each member agency determines what is appropriate in their district, and follows response plans that use surveillance tools to determine the extent of the problem and guide treatment decisions, with an emphasis on source reduction and control of mosquitoes in their immature stages. The least toxic materials available for control of the larval stages, focusing on bacterial larvicides, growth regulators and surface films are used rather than organophosphates or pyrethroids. Control of adult mosquitoes may become necessary under some circumstances, such as in the event of a disease outbreak (documented presence of infectious virus in active host-seeking adult mosquitoes), or lack of access to larval sources leading to the emergence of large numbers of biting adult mosquitoes. Organophosphate insecticides (naled and malathion) are used in rotation with pyrethrins or pyrethroids to avoid the development of resistance. The active ingredients currently used for control of adult mosquitoes have been deliberately selected for lack of persistence and minimal effects on non-target organisms when applied at label rates for ultra-low volume (ULV) mosquito control. All BMPs included in the product labels are followed and include such measures as restrictions in certain land uses and weather (i.e., wind speed) parameters. Additional information about specific BMPs by region can be found in member agency's PAPs.

BMP MODIFICATIONS 3.2

Modifications to BMPs are handled by individual member districts on a district-by-district basis. Any modifications to BMPs can be found in respective member districts annual reports prepared as required by the Vector Control Permit.

4.1 ADULTICIDE MONITORING RESULTS

For the purposes of presentation, adulticide monitoring results are presented in two tables. Table 4 lists the chemical monitoring data and Table 5 lists the associated visual observations and physical measurements. Reporting protocols described in the Vector Control Permit MRP are followed. Additional details about the applications are provided in Table 6 (Pesticide Application Logs for Chemical Monitoring Events 2011 and 2012). Each application event that was monitored was given an "Event ID" which is listed in all tables and allows for simple referencing between tables and figures.

4.2 LARVICIDE MONITORING RESULTS

Physical measurements and associated visual observations for larvicide applications are included in Appendix A. An electronic copy of the excel file used to create the pdf in this report can be provided upon request.



															i		1						
												0/pyrethrin	_	c	PBO/resmethrin			~					
											rin	yret	thrir	sthri	use	nithrin	Jrin	Etofenprox			ion	64	solo
	Application		MVCAC Membe	er				Sample	Sample	Sample	reth		me	sme	O/re	mith	allethrin	ofen	BO	led	llath	MGK-264	Temephos
Event ID	Date	Active Ingredient	District	Мар	Station ID ¹	Station Name	Latitude	Longitude Collector ²	Date	Time	Руі	PB	Pe	Re	PB	Su	Pra	Etc	РВ	Na	Ма	Β	Теі
						Receiving	Water Monitor	ing Trigger or Receiving Wat	er Limitation (I	malathion)	0.14	0.014	0.03	0.028	0.13	0.0025	0.39	0.0019	49	0.014	0.1	16.9	8
2011.1	7/28/2011	nolod	Son looguin	Figure 2	SHK_W	Shin Kao Watlanda	29 10521	-121.41904 GCL	7/28/2011	16:15	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(<i>ug/L</i>) <0.002	(ug/L)	(ug/L)	(ug/L)
2011-1 2011-1	7/28/2011		San Joaquin San Joaquin	Figure 2 Figure 2	SHK_W	Shin Kee Wetlands Shin Kee Wetlands	38.10521 38.10521	-121.41904 GCL	7/29/2011						-					<0.002			
2011-1	7/28/2011		San Joaquin	Figure 2	WSL_A	White Slough	38.08735	-121.40138 GCL	7/28/2011											< 0.002			
2011-1	7/28/2011		San Joaquin	Figure 2	WSL_A	White Slough	38.08735	-121.40138 MLJ	7/29/2011							0.000			0.0000	<0.002			
2011-2 2011-2	7/28/2011		Sac-Yolo Sac-Yolo	Figure 3 Figure 3	ELV_A ELV_A	Elverta Canal Elverta Canal	38.71441 38.71441	-121.5214 GCL -121.5214 MLJ	7/28/2011 7/29/2011					-		<0.002 <0.002			0.0328				
2011-2	7/28/2011		Sac-Yolo	Figure 4	NBC_W	Natomas Basin Conservancy	38.72953	-121.50694 GCL	7/28/2011							<0.002			0.0330				
2011-2	7/28/2011		Sac-Yolo	Figure 4	NBC_W	Natomas Basin Conservancy	38.72953	-121.50694 MLJ	7/29/2011							<0.002			0.1520				-
2011-3	8/9/2011		Sac-Yolo	Figure 4	ELV_A	Elverta Canal	38.71441	-121.5214 GCL	8/9/2011							< 0.002			0.0038				
2011-3 2011-3	8/9/2011 8/9/2011		Sac-Yolo Sac-Yolo	Figure 4 Figure 4	ELV_A NBC_W	Elverta Canal Natomas Basin Conservancy	38.71441 38.72953	-121.5214 MLJ -121.50694 GCL	8/10/2011 8/9/2011							no data <0.002			no data 0.0110				
2011-3	8/9/2011		Sac-Yolo	Figure 4	NBC_W	Natomas Basin Conservancy	38.72953	-121.50694 MLJ	8/10/2011							<0.002			0.1330				
2011-3	8/9/2011		Sac-Yolo	Figure 4	YBW_W	Yolo Basin Wildlife Area Wetland	38.55113	-121.62769 GCL	8/9/2011							<0.002			0.0148				
2011-3 2011-3	8/9/2011 8/9/2011		Sac-Yolo Sac-Yolo	Figure 4 Figure 4	YBW_W YBW_A	Yolo Basin Wildlife Area Wetland Yolo Basin Wildlife Area Ag Drain	38.55113 38.55234	-121.62769 MLJ -121.62917 GCL	8/10/2011 8/9/2011							0.0043 <0.002			0.286				
2011-3	8/9/2011		Sac-Yolo	Figure 4	YBW_A	Yolo Basin Wildlife Area Ag Drain	38.55234	-121.62917 GCL	8/10/2011							<0.002			0.0042				
2011-4	8/23/2011	pyrethrin/PBO	Sac-Yolo	Figure 5	UHC_U	Union House Creek	38.4635	-121.447239 GCL	8/23/2011	16:00	<0.001	<0.002											
2011-4		pyrethrin/PBO	Sac-Yolo	Figure 5	UHC_U	Union House Creek		-121.447239 MLJ	8/25/2011		0.0010	5.20											
2011-4 2011-4		pyrethrin/PBO pyrethrin/PBO	Sac-Yolo Sac-Yolo	Figure 5 Figure 5	SBC_U SBC_U	Strawberry Creek Strawberry Creek	38.4489 38.4489	-121.3848 GCL -121.3848 MLJ	8/23/2011 8/25/2011	16:40 16:30	<0.001 0.0040	<0.002 2.29		-									
2011-4		pyrethrin/PBO	Sac-Yolo	Figure 5	LGC_U	Laguna Creek at Jack Hill Park	38.417	-121.358 GCL	8/23/2011			< 0.002											
2011-4		pyrethrin/PBO	Sac-Yolo	Figure 5	LGC_U	Laguna Creek at Jack Hill Park	38.417	-121.358 MLJ	8/25/2011			0.0250											
2011-4		pyrethrin/PBO	Sac-Yolo	Figure 5	CDL_U	Camden Lake		-121.375095 GCL	8/23/2011			< 0.002											
2011-4 2011-4		pyrethrin/PBO pyrethrin/PBO	Sac-Yolo Sac-Yolo	Figure 5 Figure 5	CDL_U EGC_U	Camden Lake Elk Grove Creek		-121.375095 MLJ -121.408097 GCL	8/25/2011 8/23/2011	17:30 18:55	<0.001 <0.001	0.660 <0.002											
2011-4		pyrethrin/PBO	Sac-Yolo	Figure 5	EGC_U	Elk Grove Creek		-121.408097 MLJ	8/25/2011	18:00		3.13											
2011-4		pyrethrin/PBO	Sac-Yolo	Figure 5	LGL_U	Laguna Lake at Ayr Drive		-121.431512 GCL	8/23/2011		< 0.001	<0.002											
2011-4 2011-5	8/23/2011 9/29/2011	pyrethrin/PBO	Sac-Yolo Sac-Yolo	Figure 5 Figure 6a	LGL_U ELV_A	Laguna Lake at Ayr Drive Elverta Canal	38.41493 38.71441	-121.431512 MLJ -121.5214 GCL	8/25/2011 9/29/2011		<0.001	1.24				<0.002			0.0050				
2011-5	9/29/2011		Sac-Yolo	Figure 6a	ELV_A	Elverta Canal	38.71441	-121.5214 GCL	9/30/2011							<0.002			0.0030				
2011-5	9/29/2011	sumithrin	Sac-Yolo	Figure 6a	NBC_W	Natomas Basin Conservancy	38.72953	-121.50694 GCL	9/29/2011							<0.002			0.0030				
2011-5	9/29/2011		Sac-Yolo	Figure 6a	NBC_W	Natomas Basin Conservancy	38.72953	-121.50694 MLJ	9/30/2011							< 0.002			0.0140				
2011-5 2011-5	9/29/2011 9/29/2011		Sac-Yolo Sac-Yolo	Figure 6b Figure 6b	YBW_A YBW_A	Yolo Basin Wildlife Area Ag Drain Yolo Basin Wildlife Area Ag Drain	38.55234 38.55234	-121.62917 GCL -121.62917 MLJ	9/29/2011 9/30/2011							<0.002 <0.002			<0.001 0.0030				
2011-5	9/29/2011		Sac-Yolo	Figure 6b	YBW_W2	Yolo Basin Wildlife Area Wetland #2	38.55077	-121.62625 GCL	9/29/2011							<0.002			<0.001				
2011-5	9/29/2011		Sac-Yolo	Figure 6b	YBW_W2	Yolo Basin Wildlife Area Wetland #2	38.55077	-121.62625 MLJ	9/30/2011							< 0.002			0.0020				
2012-1 2012-1	5/16/2012		San Joaquin San Joaquin	Figure 7 Figure 7	PIG_W PIG_W	Pig Lake Pig Lake	38.15284 38.15284	-121.28674 GCL -121.28674 MLJ	5/16/2012 5/17/2012							<0.002 <0.002			0.01				
2012-1	5/16/2012		San Joaquin	Figure 7	LOD_U	Lodi Lake		-121.29692 GCL	5/16/2012							<0.002			<0.005				
2012-1	5/16/2012	sumithrin	San Joaquin	Figure 7	LOD_U	Lodi Lake	38.14852	-121.29692 MLJ	5/17/2012	16:10						<0.002			0.03				
2012-1	5/16/2012		San Joaquin	Figure 7	COW_A	Cow pasture pond		-121.28364 GCL	5/16/2012							<0.002			< 0.005				
2012-1 2012-2	5/16/2012 5/25/2012		San Joaquin San Joaquin	Figure 7 Figure 8	COW_A ETD A ⁴	Cow pasture pond Empire Tract Drain		-121.28364 MLJ -121.49755 GCL	5/17/2012 5/24/2012						-	<0.002			0.05		<0.005		
2012-2	5/25/2012		San Joaquin	Figure 8	ETD_A	Empire Tract Drain		-121.49755 MLJ	5/26/2012												0.000 0.11		
2012-2	5/25/2012		San Joaquin	Figure 8	EMP_W	Empire Tract Drain		-121.48705 GCL	5/24/2012	17:00											<0.005		
2012-2	5/25/2012		San Joaquin	Figure 8	EMP_W	Empire Tract Drain		-121.48705 MLJ	5/26/2012							.0.000					0.09		
2012-3 2012-3	6/11/2012 6/11/2012		Sac-Yolo Sac-Yolo	Figure 9 Figure 9	LGC_U LGC_U	Laguna Creek at Jack Hill Park Laguna Creek at Jack Hill Park	<u>38.417</u> 38.417	-121.358 GCL -121.358 GCL	6/11/2012 6/12/2012							<0.002 <0.002			DNQ (Est. DNQ (Est.		'		
2012-3	6/11/2012		Sac-Yolo	Figure 9	CDL_U	Camden Lake		-121.375095 GCL	6/11/2012							<0.002			DNQ (Est.		/		
2012-3	6/11/2012		Sac-Yolo	Figure 9	CDL_U	Camden Lake		-121.375095 GCL	6/12/2012							< 0.002			0.04				
2012-3	6/11/2012 6/11/2012		Sac-Yolo	Figure 9	ECP_U ECP_U	Elder Creek @ Cedar Point Elder Creek @ Cedar Point		-121.344948 GCL -121.344948 GCL	6/11/2012 6/12/2012							<0.002 UJ <0.002 UJ			0.04 J 0.2 J				
2012-3 2012-3	6/11/2012		Sac-Yolo Sac-Yolo	Figure 9 Figure 9	UHH_U	Union House @ Halbrite Way		-121.399392 GCL	6/12/2012							<0.002 0J <0.002			0.2 J <0.005				
2012-3	6/11/2012		Sac-Yolo	Figure 9	UHH_U 5	Union House @ Halbrite Way		-121.399392 GCL	6/12/2012							<0.002			0.09 J				
2012-4	6/12/2012		Sac-Yolo	Figure 10	LGC_U	Laguna Creek at Jack Hill Park	38.417	-121.358 GCL	6/12/2012											< 0.005			
2012-4	6/12/2012		Sac-Yolo	Figure 10	LGC_U	Laguna Creek at Jack Hill Park	38.417	-121.358 MLJ	6/13/2012 6/12/2012											<0.005 <0.005		\longrightarrow	
2012-4 2012-4	6/12/2012 6/12/2012		Sac-Yolo Sac-Yolo	Figure 10 Figure 10		Camden Lake Camden Lake		-121.375095 GCL -121.375095 MLJ	6/12/2012											< 0.005			
												8	8	·		l	1	1	l				

												I	I		c								
												rethrin		_	PBO/resmethrin								
											c		rin	hrir	sme	. <u></u>	Ë	rox			ы	7	SOL
	Application		MVCAC Member					Sample	Sample	Sample	thri	O/py	neth	met	/re:	lith	eth	enp	•	g	athic	(-26	ept
Event ID	Date	Active Ingredient	District	Мар	Station ID ¹	Station Name	Latitude	Longitude Collector ²		Time	yre	PBC	em	Resm	BC	Sum	rall	Etofenprox	во	lale	/ala	MGK-264	Temepho
		0				Receivin	a Water Monitor	ring Trigger or Receiving Wa	ter Limitation (n	alathion)	0.14	0.014	0.03	0.028	0.13	0.0025	0.39	0.0019	49	0.014	0.1	<u>~</u> 16.9	8
						1000////	g trater memor	ing mggor of Roconing ma		alatilion	(ug/L)	(ug/L)			(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)			(ug/L)	-
2012-4	6/12/2012 r	naled	Sac-Yolo	Figure 10	ECP_U	Elder Creek @ Cedar Point	38.48194	-121.344948 GCL	6/12/2012	17:45										< 0.005			<u></u>
2012-4	6/12/2012 r	naled	Sac-Yolo	Figure 10	ECP_U	Elder Creek @ Cedar Point	38.48194	-121.344948 MLJ	6/13/2012											< 0.005			
2012-4	41072.0 r		Sac-Yolo	Ų	UHH_U ⁵	Union House @ Halbrite Way	38.5	-121.4 GCL	6/12/2012											< 0.005			
2012-4 2012-4	41072.0 r 6/12/2012 r		Sac-Yolo	Figure 10 Figure 10		Union House @ Halbrite Way	38.5	-121.4 MLJ -121.3848 GCL	6/13/2012 6/12/2012											<0.005 <0.005			
2012-4	6/12/2012 r		Sac-Yolo Sac-Yolo	Figure 10 Figure 10	SBC_U	Strawberry Creek Strawberry Creek	38.4489 38.4489	-121.3848 MLJ	6/13/2012											<0.005			
2012-4	6/12/2012 r		Sac-Yolo		WAE_W	Wetland along Excelsior Rd	38.48692		6/12/2012											< 0.005			
2012-4	6/12/2012 r		Sac-Yolo	Figure 10	WAE_W	Wetland along Excelsior Rd	38.48692	-121.29752 MLJ	6/13/2012											< 0.005			
2012-4	6/12/2012 r		Sac-Yolo	0	EGK_U	Elk Grove Creek near Kiawah Ct.	38.41485	-121.39857 GCL	6/12/2012											< 0.005			
2012-4 2012-5	6/12/2012 r	oyrethrin/PBO	Sac-Yolo Coachella Valley	Figure 10 Figure 11	EGK_U NSH_W	Elk Grove Creek near Kiawah Ct. North Shore Fish Pond	38.41485	-121.39857 MLJ -116.068223 URS	6/13/2012 6/26/2012		<0.05	<0.005								<0.005			
2012-5		byrethrin/PBO	Coachella Valley	ů.	NSH_W	North Shore Fish Pond		-116.068223 URS	7/1/2012			<0.000 0.02											
2012-5		oyrethrin/PBO	Coachella Valley	Ŷ	DMB_W	Dos Hombres Fish Pond		-116.071357 URS	6/26/2012			0.02 0.04 J											
2012-5		pyrethrin/PBO	Coachella Valley	Ŷ	DMB_W	Dos Hombres Fish Pond		-116.071357 URS	7/1/2012			0.07 J											\neg
2012-5		oyrethrin/PBO	Coachella Valley	Figure 11	SUN_W	Sunset Duck Pond	33.54461	-116.078102 URS	6/26/2012	15:30	<0.05	0.06 J											
2012-5	6/26/2012 ³ p	oyrethrin/PBO	Coachella Valley	Figure 11	SUN_W	Sunset Duck Pond	33.54461	-116.078102 URS	7/1/2012		<0.05	DNQ (Est.	Conc. 0.0	04)									
2012-6		sumithrin/prallethrin	Greater LA	Figure 12	HAR_U ^₄	Harbor Lake		-118.293117 URS	7/17/2012							<0.002	< 0.005		0.02 J				
2012-6		sumithrin/prallethrin	Greater LA	Figure 12		Harbor Lake		-118.293117 URS	7/18/2012				0.005			<0.002	<0.005		0.04 J				
2012-7 2012-7	7/23/2012 ³ p 7/23/2012 ³ p		Coachella Valley	Ŷ		Dos Hombres Fish Pond Dos Hombres Fish Pond		-116.071357 URS -116.071357 URS	7/23/2012				<0.005 <0.005				-		0.06 0.02 J				
2012-7	7/23/2012 p		Coachella Valley Coachella Valley			76th Avenue		-116.09555 URS	7/23/2012				<0.005						0.02 J DNQ (Est.		006)		
2012-7	7/23/2012 ³ p		Coachella Valley	-		76th Avenue	33.49878		7/28/2012				<0.005						< 0.005		,000)		
2012-8	8/1/2012 p		Tehama County	0		Toomes Creek @ Tehama Vina	39.97964	-122.06913 GCL	8/1/2012				< 0.005						< 0.005				
2012-8	8/1/2012 p	permethrin	Tehama County	Figure 14a	TCV_A ⁵	Toomes Creek @ Tehama Vina	39.97964	-122.06913 MLJ	8/2/2012				<0.005						0.03				
2012-8	8/1/2012 p		Tehama County	Figure 14a		Mills Creek at Shasta Blvd	40.04615		8/1/2012	15:46			< 0.005						< 0.005				
2012-8 2012-8	8/1/2012 p 8/1/2012 p			0		Mills Creek at Shasta Blvd Dye Creek at Shasta Blvd	40.04615 40.08837	-122.09555 MLJ -122.0912 GCL	8/2/2012 8/1/2012				<0.005 <0.005				-		<0.005 <0.005				
2012-0	8/1/2012 p		Tehama County	Figure 14c		Dye Creek at Shasta Blvd	40.08837	-122.0912 MLJ	8/2/2012				< 0.005						DNQ (Est.	Conc. 0.0	007)		
2012-8	8/1/2012 p		Tehama County	Figure 14b	ACG_A	Antelope Creek at Cone Grove	40.16717	-122.1359 GCL	8/1/2012	17:32			<0.005						<0.005		,		
2012-8	8/1/2012 p		Tehama County	Figure 14b	_	Antelope Creek at Cone Grove	40.16717	-122.1359 MLJ	8/2/2012	16:10			< 0.005						< 0.005				
2012-8 2012-8	8/1/2012 p 8/1/2012 p		Tehama County Tehama County	Figure 14b Figure 14b	_	Cone Grove Slough Cone Grove Slough	40.16983	-122.14729 GCL -122.14729 MLJ	8/1/2012 8/2/2012				<0.005 <0.005						<0.005 <0.005				
2012-0	9/13/2012 p		Sutter/Yuba	Figure 15b	_	Plumas Lake		-121.552919 GCL	9/13/2012				< 0.005						<0.005				
2012-9	9/13/2012 p		Sutter/Yuba	Figure 15b		Plumas Lake		-121.552919 MLJ	9/14/2012				0.025						0.2				
2012-9	9/13/2012 p	permethrin	Sutter/Yuba	Figure 15a	GSU_U	Gilsizer Slough	39.11259	-121.63643 GCL	9/13/2012	17:20			<0.005						<0.005				
2012-9	9/13/2012 p		Sutter/Yuba	Figure 15a		Gilsizer Slough		-121.63643 MLJ	9/14/2012				< 0.005						< 0.005				
2012-10 2012-10	9/20/2012 p 9/20/2012 p		Sutter/Yuba Sutter/Yuba	Figure 15b Figure 15b		Plumas Lake Plumas Lake		-121.552919 GCL -121.552919 MLJ	9/20/2012 9/21/2012			l	<0.005 0.02				-		<0.005 0.1			-+	+
2012-10	9/20/2012 p		Sutter/Yuba	Figure 15a		Gilsizer Slough		-121.63643 GCL	9/20/2012				< 0.002						<0.005			-+	
2012-10	9/20/2012 p	permethrin	Sutter/Yuba	Figure 15a	GSU_U	Gilsizer Slough	39.11259	-121.63643 MLJ	9/21/2012	15:40			<0.005						DNQ (Est.	Conc. 0.0	005)		
2012-10	9/20/2012 p		Sutter/Yuba	Figure 16		Tierra Buena		-121.671794 GCL	9/20/2012				< 0.025						< 0.025			[
2012-10 2012-11	9/20/2012 p 9/26/2012 e		Sutter/Yuba Greater LA	Figure 16 Figure 17		Tierra Buena Harbor Lake		-121.671794 MLJ -118.293117 URS	9/21/2012 9/25/2012				<0.025					<0.0016 UJ	<0.025			+	
2012-11	9/26/2012 6		Greater LA	Figure 17		Harbor Lake		-118.293117 URS	9/26/2012							DNO	Q (Est. Co		0.025				
2012-12	9/27/2012 p	permethrin	Sutter/Yuba	Figure 15a	GSU_U	Gilsizer Slough	39.11259	-121.63643 MLJ	9/27/2012	15:50			<0.005					,	<0.005				
2012-12	9/27/2012 p		Sutter/Yuba	Figure 15a		Gilsizer Slough		-121.63643 MLJ	9/28/2012				<0.005						<0.005			[
2012-13 2012-13	10/3/2012 p 10/3/2012 p	•	Merced County Merced County	Figure 18 Figure 18		North Grasslands 1 North Grasslands 1		-120.78338 GCL -120.78338 GCL	10/2/2012 10/3/2012			0.1 J 0.2 J										-+	
2012-13	10/3/2012 p		Merced County	Figure 18		North Grasslands 2		-120.77708 GCL	10/3/2012			<0.005 R	ł				1					-+	
2012-13	10/3/2012 p		Merced County	Figure 18		North Grasslands 2		-120.77708 GCL	10/3/2012	16:10	<0.05	0.2 J											
2012-13	10/3/2012 p		Merced County	Figure 18		North Grasslands 3		-120.77988 GCL	10/2/2012			0.01 J											
2012-13	10/3/2012 p		Merced County	Figure 18		North Grasslands 3	37.03594		10/3/2012			0.2 J	I										
	11/14/2012 p 11/14/2012 p	•	Butte County Butte County	Figure 19 Figure 19		Unnamed Drain Unnamed Drain	39.3990 39.3990	-121.7390 MLJ -121.7390 MLJ	11/14/2012 11/15/2012		<0.05 <0.05	<0.005 0.1					1					-+	
	11/14/2012 p	1	Butte County	Figure 19		Unnamed Drain #2	39.3990	-121.7540 MLJ	11/14/2012			< 0.005	1									-+	-+
-	11/14/2012 p	•	Butte County	Figure 19		Unnamed Drain #2	39.3990	-121.7540 MLJ	11/15/2012			<0.005											

Event ID	Application Date Ac	tive Ingredient	MVCAC Member District	Мар	Station ID ¹	Station Name	Latitude Receiving Water Monito	Longitude ring Trigger or F	Sample Collector ² Receiving Wate	Sample Date er Limitation (J	Sample Time malathion)	Pyrethrin	nin PBO/pyrethrin	Permethrin	Resmethrin 0.02	PBO/resmethrin	urithrin Soumithrin 0.0025	6:0 Brallethrin	Etofenbrox 91002	О 84 49	Naled N	.0 Malathion	6.9 MGK-264	α Temephos
							0	0 00	0		,	(ug/L)	(ug/L)		(ug/L)		(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)			
2012-14	11/14/2012 pyretl	hrin	Butte County	Figure 19	UN3_A	Unnamed Drain #3	39.3990	-121.7650	MLJ	11/14/2012	8:00	<0.05	<0.005											
2012-14	11/14/2012 pyretl	hrin	Butte County	Figure 19	UN3_A	Unnamed Drain #3	39.3990	-121.7650	MLJ	11/15/2012	7:50	<0.05	<0.005											
2012-14	11/14/2012 pyretl	hrin	Butte County	Figure 19	BLD_A	Belding Lateral	39.4000	-121.7260	MLJ	11/14/2012	8:45	<0.05	<0.005											
2012-14	11/14/2012 pyretl	hrin	Butte County	Figure 19	BLD_A	Belding Lateral	39.4000	-121.7260	MLJ	11/15/2012	7:05	<0.05	<0.005											
2012-14	11/14/2012 pyretl	hrin	Butte County	Figure 19	MDC_A	Main Drain Canal	39.3990	-121.7560	MLJ	11/14/2012	8:15	<0.05	<0.005											
2012-14	11/14/2012 pyretl	hrin	Butte County	Figure 19	MDC_A	Main Drain Canal	39.3990	-121.7560	MLJ	11/15/2012	7:40	<0.05	DNQ (Est. 0	Conc. 0.0	07)									
2012-14	11/14/2012 pyretl	hrin	Butte County	Figure 19	ASH_A	Ashley Lateral	39.3850	-121.7820	MLJ	11/14/2012	7:50	<0.05	<0.005											
2012-14	11/14/2012 pyret	hrin	Butte County	Figure 19	ASH_A	Ashley Lateral	39.3850	-121.7820	MLJ	11/15/2012	8:05	<0.05	<0.005											

Notes:

1. The last character of the station ID indicates whether the station is in an agricultural (A), urban (U), or wetland (W) environmental setting.

2. Samples were collected by staff from Granite Canyon Laboratory (GCL), Michael L. Johnson, LLC (MLJ), or URS.

3. Both Coachella Valley application events were 5-day events in which the adulticide was sprayed every day for 5 days and the "event" sample was collected within 24 hours after the 5th day.

4. Field duplicate was collected on this date at this location. Duplicate results were the same as those shown on this table.

5. Field blank sample was collected on this date at this location. Results were non-detect.

6. Field duplicate collected on this date at this location. Results shown are averages (permethrin 0.03, 0.02 DNQ; PBO 0.2, 0.2)

All 2011 analytical results were reported by California Department of Fish and Game. All 2012 analytical results were reported by Caltest. Caltest laboratory reports are available upon request.

Data Qualifiers include the following:

DNQ = Detected, but Not Quantified - The sample result was reported between the method detection limit and the reporting limit.

"UJ" - Analyte was not detected above the reported sample quantitation limit. However, the reported quantitation limit is approximate (in most cases due to low surrogate recoveries) and may or may not represent the actual limit of quantitation necessary to accurately and precisely measure the analyte in the sample. "J" - Analyte was positively identified: the associated numerical value is the approximate concentration of the analyte in the sample.

"R" - The sample results are rejected due to serious deficiencies in the ability to analyze the sample and meet quality control criteria. The presence or absence of the analyte cannot be verified. In this case, the surrogate recovery was below 10%. nd = no data

Analytical results in **bold** exceed the Receiving Water Monitoring Trigger or Receiving Water Limitation.

														Observations	1				
													visual U	VUSCI VALIUI IS	4				
													ğ						
													Suspendec	S					
				- ·									spe	Deposits Life					
	.	MVCAC Member		Sample	Sample			0 11/1					Sus	life					
Event ID	Active Ingredient	District	Station ID ¹	Date	Time		Weathe	er Conditions)ĝ	- ⁰		Physical	Measureme	ents	
						Overhead					Water	Water	oati	B C C C C C C C C C C C C C C C C C C C	Water				
						Conditions	Precip.	Wind	Air Temp.	Water Color	Clarity	 Surface C 	Dils Ĕ Ĕ	Potential Nuisance Conditions	Temp	ED	DO	рН	Turbidit
															(F)	(umhos/cm)	(mg/L)	(units)	(NTU
2011-1 na		San Joaquin	SHK_W	7/28/2011				nd	nd	Brown			nd	nd nd nd	80.168	244	9.24	8.38	n
2011-1 na		San Joaquin	SHK_W	7/29/2011		Clear/sunny	None	Gusty	Warm/mild	Brown	Cloudy		nd	nd nd nd	79.9	249	9.92	8.82	n
2011-1 na 2011-1 na		San Joaquin San Joaquin	WSL_A WSL_A	7/28/2011 7/29/2011		Clear/sunny Clear/sunny	None None	nd Gusty	nd Warm/mild	Green Green	Cloudy		nd	nd nd nd	80.7 79.3	223 156	8.9 8.84	8.03 6.88	n
2011-1 II		San Joaquin Sac-Yolo	ELV_A	7/28/2011		Clear/sunny	None	nd	nd	Brown	Murky	None None	nd nd	nd nd nd nd nd nd	82.2	534	6.52	7.66	n
2011-2 st		Sac-Yolo	ELV_A	7/29/2011			None	Calm	Hot	Brown	Murky	None	nd	nd nd nd	82.0	555	7.43	7.40	n
2011-2 st		Sac-Yolo	NBC_W	7/28/2011			None	nd	nd	Brown	Cloudy		nd	nd nd nd	94.8	569	8.14	7.89	n
2011-2 st		Sac-Yolo	NBC_W	7/29/2011		Clear/sunny		Calm	Hot	Brown	Murky	None	nd	nd nd nd	102.9	572	8.38	8.19	n
2011-3 st		Sac-Yolo	ELV_A	8/9/2011		Clear/sunny	None	nd	nd	Brown		None	nd	nd nd nd	79.2	552	9.62	6.90	n
2011-3 si		Sac-Yolo	ELV_A	8/10/2011	16:20	Clear/sunny		Calm	Hot	Yellow/Brown	Murky	None	nd	nd nd nd	79.5	547	9.01	7.41	n
2011-3 si		Sac-Yolo	NBC_W	8/9/2011		Clear/sunny	00,	nd	nd	Brown	Murky	None	nd	nd nd nd	101.9	573	15.66	7.44	n
2011-3 st		Sac-Yolo	NBC_W	8/10/2011		,		Calm	Hot	Brown	Murky	None	nd	nd nd foam	85.4	580	5.29	7.73	n
2011-3 st		Sac-Yolo	YBW_W	8/9/2011		Clear/sunny	None	nd	nd	Yellow	Cloudy		nd	nd nd nd	76.9	1620	8.14	7.47	n
2011-3 st		Sac-Yolo	YBW_W	8/10/2011		Clear/sunny	None	Calm	Hot	_	Clear	None	nd	nd nd nd	74.1	1596	10.58	8.33	n
2011-3 st		Sac-Yolo	YBW_A	8/9/2011		Clear/sunny	None	nd	nd	Brown	Cloudy		nd	nd nd nd	77.3	1210	7.01	6.99	n
2011-3 st		Sac-Yolo	YBW_A	8/10/2011		Clear/sunny		Calm	Hot	Brown	Murky	None	nd	nd nd nd	73.0	1201	4.08	7.46	n
	oyrethrin/PBO	Sac-Yolo Sac-Yolo	UHC_U UHC_U	8/23/2011 8/25/2011		Clear/sunny Clear/sunny	None None	nd Light breeze	nd Warm/mild	Colorless Yellow/Brown	Clear Clear	None None	nd	nd nd nd nd nd nd	94.8 94.5	229 227	15.56 7.33	7.71 8.77	n
	oyrethrin/PBO	Sac-Yolo	SBC_U	8/23/2011		Clear/sunny	None	nd	nd	Colorless	Cloudy		nd nd	nd nd nd	78.3	227	5.15	5.35	n
	yrethrin/PBO	Sac-Yolo	SBC_U	8/25/2011				Light breeze		Brown	Murky	None	nd	nd nd nd	75.7	205	5.48	7.19	n
	yrethrin/PBO	Sac-Yolo	LGC_U	8/23/2011		Clear/sunny	None	nd	nd	Brown	Clear	None	nd	nd nd nd	78.2	286	11.11	6.48	n
	oyrethrin/PBO	Sac-Yolo	LGC_U	8/25/2011				Light breeze		Brown	Clear	None	nd	nd nd nd	74.3	290	7.61	7.45	n
	yrethrin/PBO	Sac-Yolo	CDL_U	8/23/2011			None	nd	nd	Green	Clear	None	nd	nd nd nd	76.1	266	6.14	6.4	n
	yrethrin/PBO	Sac-Yolo	CDL_U	8/25/2011	17:30	Clear/sunny	None	Light breeze	Hot	Green/Yellow	Clear	None	nd	nd nd nd	73.9	260	5.04	7.30	n
2011-4 p	yrethrin/PBO	Sac-Yolo	EGC_U	8/23/2011		Clear/sunny	None	nd	nd	Colorless	Clear	None	nd	nd nd nd	83.8	300	7.84	6.26	n
	oyrethrin/PBO	Sac-Yolo	EGC_U	8/25/2011		Clear/sunny	None	Light breeze		Colorless	Clear	None	nd	nd nd nd	85.1	218	2.62	7.12	n
	oyrethrin/PBO	Sac-Yolo	LGL_U	8/23/2011		Clear/sunny	None	nd	nd	Colorless	Clear	None	nd	nd nd nd	83.6	260	9.53	8.26	n
	oyrethrin/PBO	Sac-Yolo	LGL_U	8/25/2011		Clear/sunny		Light breeze		Yellow	Clear	None	nd	nd nd nd	84.0	264	9.30	9.57	n
2011-5 st		Sac-Yolo	ELV_A	9/29/2011		Partly cloudy	None	nd	nd	Brown	Murky	None	nd	nd nd nd	71.8	423	13	5.2	n
2011-5 st		Sac-Yolo	ELV_A	9/30/2011		,	None	Gusty	Warm/mild	Brown	Murky	None	nd	nd nd nd	70.9	395	6.88	7.54	n
2011-5 st 2011-5 st		Sac-Yolo Sac-Yolo	NBC_W NBC_W	9/29/2011 9/30/2011		Partly cloudy Clear/sunny		nd Light breeze	nd Warm/mild	Green	Murky	None	nd	nd nd nd	83.9 75.4	612 585	15.66 4.67	7.44	n
2011-5 St 2011-5 St		Sac-Yolo	YBW_A	9/29/2011		Partly cloudy		nd	nd	Brown Brown	Cloudy	None	nd nd	nd nd nd nd nd nd	70.5	1107	9.71	6.52	ni ni
2011-5 st		Sac-Yolo	YBW_A	9/30/2011			None	Gusty		Brown		None	nd	nd nd nd	70.3	1160	8.58	8.04	n
2011-5 st		Sac-Yolo	YBW_W2	9/29/2011		Partly cloudy		nd	nd	Colorless	Cloudy		nd	nd nd nd	78.2	1299	9.21	6.02	n
2011-5 st		Sac-Yolo	YBW_W2	9/30/2011				Gusty		Colorless	Clear	None	nd	nd nd nd	74.3	1252	3.55	7.81	n
2012-1 st		San Joaquin	PIG_W	5/16/2012				Light breeze		Brown	Murky		N	N N none noted	76.0	103	2.83	6.84	n
2012-1 st	sumithrin	San Joaquin	PIG_W	5/17/2012	15:50	Hazy	None	Light breeze	Warm/mild	Brown	Murky	None	Y	N Y none noted	69.3	76.7	1.62	7.20	16.
2012-1 st		San Joaquin	LOD_U	5/16/2012				Light breeze		Brown	Clear	None	Ν	N N none noted	76.8	46	9.76	7.82	n
2012-1 st		San Joaquin	LOD_U	5/17/2012						_	Clear	None	N	Y Y none noted	72.5	43.3	7.48	7.37	3.2
2012-1 st		San Joaquin	COW_A	5/16/2012		,		Light breeze		Brown	Murky	None	N	N N none noted	86.1	182	8.32	8.84	n
2012-1 st		San Joaquin	COW_A	5/17/2012				Light breeze		Brown	Murky	None	Y	Y Y none noted	81.0	167.6	15.53	10.19	80.
2012-2 m		San Joaquin	ETD_A	5/24/2012		Clear/sunny	None	Gusty	nd	Brown	Murky		N	N N none noted	73.31	1093	10.7	7.75	10
2012-2 m 2012-2 m		San Joaquin San Joaquin	ETD_A EMP_W	5/26/2012 5/24/2012		Partly cloudy Clear/sunny		Light breeze Gusty	nd	Brown Brown		None None	N N	Y Y none noted N N none noted	62.1 81.0	1362 792	4.94 8.45	7.85 7.58	14.0 13
2012-2 m		San Joaquin San Joaquin	EMP_W	5/26/2012				Light breeze		Brown	Cloudy		N	N N none noted	59.2	898	2.95	7.80	19.4
2012-2 III		Sac-Yolo	LGC_U	6/11/2012				Light breeze		Brown	Murky		N	N Y none noted	79.8	274	6.24	7.04	n
2012-3 st		Sac-Yolo	LGC_U	6/12/2012		Clear/sunny		Light breeze			Murky	None	N	N N none noted	80.3	277	6.98	6.87	n
2012-3 st		Sac-Yolo	CDL_U	6/11/2012				Calm			Murky		Y	N Y none noted	78.5	206	7.47	7.41	n
	sumithrin	Sac-Yolo	CDL_U	6/12/2012				Light breeze				None	Ŷ	N N none noted	76.5	209	8.27	7.01	n

										Visual Observations										
Event ID	Active Ingredient	MVCAC Member District	Station ID ¹	Sample Date	Sample Time		Weathe	er Conditions					ating/Suspended tter	Deposits Life			Physical	Measureme	ents	
						Overhead Conditions	Precip.	Wind	Air Temp.	Water Color	Water Clarity	Water Surface Oils		Bottom	Potential Nuisance Conditions	Water Temp	ED	DO	pН	Turbidity
															•	(F)	(umhos/cm)	(mg/L)	(units)	(NTU)
2012-3 s		Sac-Yolo	ECP_U	6/11/2012			None	Light breeze		Green/Brown	Murky	None			none noted	90.5	183	17.21	8.5	nd
2012-3 9		Sac-Yolo	ECP_U	6/12/2012		,	None	Calm	Hot	Green/Brown	Murky	None	N		none noted	90.2	202	20.3	8.76	nd
2012-3 9		Sac-Yolo		6/11/2012		Clear/sunny	None	Calm Calm	Hot Cool	Green/Brown Green/Brown	Clear Clear	None None	N N	N Y N Y	none noted	76.4 77.306	<u>2</u> 5	8.09 8.44	7.36	nd
2012-3 s 2012-4 r		Sac-Yolo Sac-Yolo	UHH_U LGC_U	6/12/2012 6/12/2012		Clear/sunny Clear/sunny	None None			Green/Brown	Murky	None	N		none noted	80.3	277	6.98	6.87	nd nd
2012-4 r		Sac-Yolo	LGC_U	6/13/2012		Clear/sunny	None	Light breeze		Brown	Cloudy	None	Y		none noted	81.3	280	5.37	7.5	3.93
2012-4 r		Sac-Yolo	CDL_U	6/12/2012		Clear/sunny	None	Light breeze		Green/Brown	Murky	None	Y		none noted	76.5	209	8.27	7.01	nd
2012-4 r		Sac-Yolo	CDL_U	6/13/2012		Clear/sunny	None	Ū.	Hot	Green/Brown	Clear	None	Y		none noted	76.3	208.6	7.69	8.10	1.87
2012-4 r		Sac-Yolo	ECP_U	6/12/2012		Clear/sunny	None	Calm	Hot	Green/Brown	Murky	None	Ν	N N	none noted	90.2	202	20.3	8.76	nd
2012-4 r	naled	Sac-Yolo	ECP_U	6/13/2012	16:10	Clear/sunny	None	Light breeze	Hot	Green/Brown	Murky	None	Ν	N N	none noted	89.4	90.3	12.61	9.87	31.2
2012-4 r		Sac-Yolo	UHH_U	6/12/2012		Clear/sunny	None	Calm	Cool	Green/Brown	Clear	None	Ν	ΝΥ	none noted	77.306	5	8.44	6.65	nd
2012-4 r		Sac-Yolo	UHH_U	6/13/2012		,	None	0		Green/Brown	Clear	None	Ν		Trash	76.3	245.7	7.12	7.87	3.29
2012-4 r		Sac-Yolo	SBC_U	6/12/2012			None	Calm	Hot	Green/Brown	Cloudy	None	N		none noted	74.4	326	6.12	6.49	nd
2012-4 r		Sac-Yolo	SBC_U	6/13/2012		Clear/sunny	None	0		Brown	Cloudy		N		none noted	75.0	303.9	5.40	7.52	13.5
2012-4 r		Sac-Yolo	WAE_W	6/12/2012			None	Light breeze		Yellow	Murky	None	Y		none noted	83.8	385	6.05	6.7	nd
2012-4 r 2012-4 r		Sac-Yolo Sac-Yolo	WAE_W EGK U	6/13/2012 6/12/2012		,	None None	Light breeze Light breeze		Green Brown	Clear Murky	None None	N N		none noted	81.5 81.1	298.7 88	5.70 7.74	7.58 6.74	44.5
2012-4 r		Sac-Yolo	EGK_U	6/13/2012			None	Light breeze		Green/Brown	Murky	None	N		none noted	91.0	167.7	7.74	7.63	nd 220
	byrethrin/PBO	Coachella Valley	NSH_W	6/26/2012		Clear/sunny	None	Light breeze		Green/Brown	Murky	None	Y	N Y		79.8	7427	7.93	8.13	154
	oyrethrin/PBO		NSH_W	7/1/2012	12.23		None	Light breeze				None	Y		none noted	82.2	1994	7.62	8.90	134
	,	Coachella Valley				Clear/sunny		ž		Green/Brown	Murky		Y	N Y				4.20	8.36	29.8
	oyrethrin/PBO	Coachella Valley	DMB_W	6/26/2012		Clear/sunny Clear/sunny	None	Light breeze		Green/Brown	Cloudy		Y		none noted	89.1 91.7	149885 3845	6.55	8.51	29.0
	oyrethrin/PBO	Coachella Valley	DMB_W	7/1/2012			None	Light breeze		Green/Brown	Murky Clear	None None	Y Y			-		1.87	7.94	5.05
	byrethrin/PBO	Coachella Valley	SUN_W	6/26/2012			None	Light breeze		Green/Brown				N Y	slimes, organic debris at bottom	86.2	310.613			
	oyrethrin/PBO sumithrin/prallethrin	Coachella Valley Greater LA	SUN_W HAR U	7/1/2012			None None	Light breeze Gusty	Warm/mild	Green Yellow/Brown	Clear Murky	None Films	Y Y	<u>Y Y</u> N Y	Slimes Slimes or objectionable growths	86.9 79.52	7794 723	7.84	7.94	7.23
	sumithrin/prallethrin	Greater LA	HAR_U	7/18/2012			None	,		Yellow/Brown	Murky			N Y	Slimes or objectionable growths	79.52	723	4.22	7.12	8.04
2012-0 3 2012-7 p	•	Coachella Valley	DMB_W	7/23/2012			None	Light breeze		Green/Brown	Cloudy		Y	NY	, .	93.6	3530	0.98	8.85	11.35
	permethrin	Coachella Valley	DMB W	7/28/2012		,	None	Light breeze		Green/Brown	Cloudy		Y	N Y	Limited floating matter	93.0	2008	12.04	9.06	18.3
	permethrin	Coachella Valley	76A A	7/23/2012		Clear/sunny	None	Light breeze		Brown	Clear	None None	-		Trash	94.9	7829	0.98	8.24	2.40
	bermethrin	Coachella Valley	76A_A 76A_A	7/28/2012				ž								94.9 87.3	1846			
	permethrin	Tehama County	TCV_A	8/1/2012			None None	Light breeze Calm	Hot	Colorless Yellow	Clear Cloudy	None None	N N		none noted	89.0	130.8	15.85 3.29	8.53 6.00	11.2 nd
	permethrin	Tehama County	TCV_A	8/2/2012			None	Light breeze		Brown	Clear	None	N		none noted	88.7	193.6	7.71	7.76	0.64
	permethrin	Tehama County	MCS_A	8/1/2012			None	Calm	Hot	Colorless	Clear	None			none noted	86.9	139600	4.29	6.08	nd
	permethrin	Tehama County	MCS_A	8/2/2012			None	Light breeze		Brown	Clear	None			none noted	86.9	193.6	8.24	8.64	0.76
2012-8 p	permethrin	Tehama County	DYC_A	8/1/2012			None	Light breeze		Green	Cloudy		Ν		none noted	86.0	148.9	4.95	5.95	nd
2012-8 p	permethrin	Tehama County	DYC_A	8/2/2012		,	None	Light breeze	Hot	Brown	Cloudy	None	Ν	ΝY	none noted	84.7	215.0	6.86	7.48	0.78
2012-8 p	permethrin	Tehama County	ACG_A	8/1/2012		Clear/sunny	None	Calm	Hot	Yellow	Clear	None	Ν	N N	none noted	84.0	118.4	3.80	5.60	nd
	permethrin	Tehama County	ACG_A	8/2/2012			None	Calm	Hot	Brown	Clear	None			none noted	85.3	176.9	8.61	7.96	1.54
	permethrin	Tehama County	CGS_A	8/1/2012			None	Calm	Hot	Brown	Clear	None	N		none noted	74.4	125100	3.56	5.44	nd
	permethrin	Tehama County	CGS_A	8/2/2012		,	None	Calm	Hot	Colorless	Clear	None	N		none noted	75.4	184.2	11.85	8.01	0.78
	permethrin	Sutter/Yuba	PLU_U	9/13/2012			None	Calm	Hot	Colorless	Clear	None			none noted	70.2	530	3.03	5.54	nd
	permethrin permethrin	Sutter/Yuba Sutter/Yuba	PLU_U GSU_U	9/14/2012 9/13/2012			None None	Calm Calm	Hot Hot	Green Colorless	Clear Clear	Sheen None			none noted	69.8 72.4	501.3 846	2.92 13.79	7.39 5.93	3.75 nd
	permethrin	Sutter/Yuba	GSU_U GSU_U	9/13/2012		Partly cloudy		Calm	Hot	Colorless	Clear	Sheen	N		Objectionable growths	72.4	616	13.79	8.52	0.75
2012-3		Sutter/Yuba	0 PLU_U	9/20/2012			None	Calm	Cool	Brown	Cloudy		Y	NY		68.9	444	1.19	6.28	0.73
2012-10 p		Sutter/Yuba	PLU_U	9/21/2012			None	Calm	Warm/mild	Colorless	Clear	Films			none noted	67.6	443.3	1.86	7.5	4.56
2012-10		Sutter/Yuba	GSU_U	9/20/2012			None	Calm	Warm/mild	Colorless	Clear	Sheen			none noted	72.2	854	12.51	7.43	nd
2012-10 p		Sutter/Yuba	GSU_U	9/21/2012			None	Calm	Warm/mild	Colorless	Clear	Sheen	Y		Objectionable growths	73.2	789	12.3	8.02	0.96
2012-10 p	permethrin	Sutter/Yuba	TBU_U	9/20/2012		Clear/sunny	None	Calm	Hot	Brown	Cloudy	None	Ν		sediment	72.8	580	4.49	6.92	nd

										Visual Observations										
Event ID	Active Ingredient	MVCAC Member District	r Station ID ¹	Sample Date	Sample Time		Weath	er Conditions					ng/Suspended	n Deposits ic Life			Physical	Vleasureme	ents	
						Overhead Conditions	Precip.	Wind	Air Temp.	Water Color	Water Clarity	Water Surface Oi	o Floatir Mattei	Bottom	Potential Nuisance Conditions	Water Temp	ED	DO	pН	Turbidity
																(F)	(umhos/cm)	(mg/L)	(units)	(NTU)
2012-10	permethrin	Sutter/Yuba	TBU_U	9/21/2012	16:20	Clear/sunny	None	Calm	Warm/mild	Colorless	Clear	Sheen	Ν	ΝΥ	Objectionable growths	87.8	470	13.88	8.93	7.96
2012-11	etofenprox	Greater LA	HAR_U	9/25/2012	14:05	Clear/sunny	None	Light breeze	Warm/mild	Green	Murky	Films	Y	ΝΥ	Slimes or objectionable growths	79.3	1075	4.90	7.27	7.66
2012-11	etofenprox	Greater LA	HAR_U	9/26/2012	19:10	Clear/sunny	None	Light breeze	Cool	Green	Murky	Films	Y	ΝΥ	Slimes or objectionable growths	72.9	886	7.42	7.75	13.8
2012-12	permethrin	Sutter/Yuba	GSU_U	9/27/2012	15:50	Clear/sunny	None	Calm	Hot	Colorless	Clear	Sheen	Ν	ΥY	Slimes or objectionable growths	73.8	731	14.11	8.45	2.24
2012-12	permethrin	Sutter/Yuba	GSU_U	9/28/2012	15:50	Clear/sunny	None	Calm	Hot	Green	Clear	None	Y	ΝΥ	Fungi, Slimes	74.7	773	15.56	8.58	1.26
2012-13	pyrethrin	Merced County	NG1_W	10/2/2012	16:35	Clear/sunny	None	Light breeze	Hot	Green	Murky	None	Y	N N	none noted	87.6	959	3.66	6.07	nd
2012-13	pyrethrin	Merced County	NG1_W	10/3/2012		Clear/sunny	None	Calm	Hot	Green	Murky	Films	Y	ΝΝ	none noted	70.7	932	2.37	6.87	nd
2012-13	pyrethrin	Merced County	NG2_W	10/2/2012		Clear/sunny	None	Calm	Hot	Green	Murky	None	Y	ΝΝ	none noted	82.2	920	18.71	6.24	nd
2012-13	pyrethrin	Merced County	NG2_W	10/3/2012	8:25	Clear/sunny	None	Calm	Warm/mild	Green	Murky	None	Y	N N	none noted	71.6	922	4.47	7.6	nd
2012-13	pyrethrin	Merced County	NG3_W	10/2/2012	15:10	Clear/sunny	None	Light breeze	Hot	Brown	Cloudy	Films	Ν	N N	plant matter	85.5	990	12.48	6.87	nd
2012-13	pyrethrin	Merced County	NG3_W	10/3/2012	7:50	Clear/sunny	None	Calm	Warm/mild	Brown	Cloudy	Films	Ν	N N	plant matter	69.7	1005	1.6	7.19	nd
2012-14	pyrethrin	Butte County	UNL_A	11/14/2012	8:35	Partly cloudy	None	Calm	Cool	Colorless	Clear	None	Ν	N N	none noted	47.1	78.1	11.21	7.48	11.7
2012-14	pyrethrin	Butte County	UNL_A	11/15/2012	7:20	Partly cloudy	None	Calm	Cool	Yellow/Brown	Cloudy	None	Ν	N N	none noted	47.5	77.3	9.87	6.91	16.2
2012-14	pyrethrin	Butte County	UN2_A	11/14/2012	8:25	Partly cloudy	None	Calm	Cool	Green/Brown	Murky	Slick	Y	N N	Slimes	50.4	82.9	9.26	7.43	7.21
2012-14	pyrethrin	Butte County	UN2_A	11/15/2012	7:30	Partly cloudy	None	Calm	Cool	Green/Brown	Murky	None	Ν	N N	Slimes	50.4	81.5	9.1	7.08	5.98
2012-14	pyrethrin	Butte County	UN3_A	11/14/2012	8:00	Partly cloudy	None	Calm	Cool	Brown	Cloudy	None	Ν	N N	none noted	49.6	230	5.86	7.26	20.6
2012-14	pyrethrin	Butte County	UN3_A	11/15/2012	7:50	Partly cloudy	None	Calm	Cool	Brown	Murky	Films	Ν	N N	none noted	49.6	251	5.53	6.83	20.5
2012-14	pyrethrin	Butte County	BLD_A	11/14/2012	8:45	Partly cloudy	None	Calm	Cool	Green/Yellow	Cloudy	None	Ν	N N	none noted	52.7	82	10.91	7.67	2.67
2012-14	pyrethrin	Butte County	BLD_A	11/15/2012	7:05	Partly cloudy	None	Calm	Cool	Green/Yellow	Cloudy	None	Ν	N N	none noted	53.1	81.1	9.61	7.03	3.07
2012-14	pyrethrin	Butte County	MDC_A	11/14/2012	8:15	Partly cloudy	None	Calm	Cool	Brown	Cloudy	None	Ν	N N	none noted	52.0	115	8.44	7.38	5.02
2012-14	pyrethrin	Butte County	MDC_A	11/15/2012	7:40	Partly cloudy	None	Calm	Cool	Brown	Cloudy	None	Ν	N N	none noted	52.5	128.3	7.41	6.95	4.44
2012-14	pyrethrin	Butte County	ASH_A	11/14/2012	7:50	Partly cloudy	None	Calm	Cool	Brown	Cloudy	None	Ν	N N	none noted	52.2	81.8	10.3	7.69	4.7
2012-14	pyrethrin	Butte County	ASH_A	11/15/2012	8:05	Partly cloudy	None	Calm	Cool	Green/Brown	Murky	None	Ν	N N	none noted	52.52	81.3	10.34	7.29	4.66

Notes:

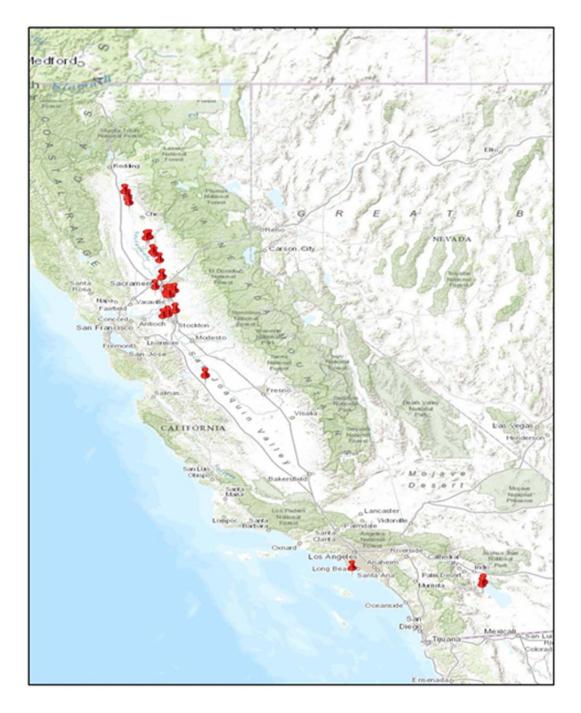
1. The last character of the station ID indicates whether the station is in an agricultural (A), urban (U), or wetland (W) environmental setting.

2. Samples were collected by staff from Granite Canyon Laboratory (GCL), Michael L. Johnson, LLC (MLJ), or URS.

3. Both Coachella Valley application events were 5-day events in which the adulticide was sprayed every day for 5 days and the "event" sample was collected within 24 hours after the 5th day. nd = no data

Event ID	Application Date	Active Ingredient / Adjuvant	dient / Application		Name of Applicator	Names of Water Body Treated	Start Time	Stop Time	Application Rate / Concentration / Dosage Amount	Amount of Pesticide Used (oz)	Area Applied (acres)	
2011-1	7/28/2011	naled	Trumpet EC	5481-481	Figure 2	San Joaquin	Shin Kee Wetlands/White Slough (Sacramento San Joaquin Delta)					
2011-2	7/28/2011	sumithrin	ANVIL 10+10 ULV	8329-62	Figure 3	Sac-Yolo	Elverta Canal/ Colusa Basin Drain to Eye["I"] street bridge / Yolo Bypass	20:15		060 oz/acre	2291.2	3825
2011-3	8/9/2011	sumithrin	ANVIL 10+10 ULV	8329-62	Figure 4	Sac-Yolo	Elverta Canal/ Colusa Basin Drain to Eye["I"] street bridge	20:15		0.60 oz/acre	2521.6	4200
2011-4	8/23/2011	pyrethrin/PBO	Evergreen 60-6	1021-1770	Figure 5	Sac-Yolo	Union House Creek/ Strawberry Creek/ Laguna Creek/ Camden Lake/ Elk Grove Creek/ Laguna Lake (Sacramento San Joaquin Delta)	20:00		0.62 oz/acre	13184	21265
2011-5	9/29/2011	sumithrin	ANVIL 10+10 ULV	8329-62	Figure 6a, 6b	Sac-Yolo	Elverta Canal/ Colusa Basin Drain to Eye["I"] street bridge / Yolo Bypass	21:00		0.53 oz/acre	307.2	582
2012-1	5/16/2012	sumithrin	Anvil 10+10	8329-62	Figure 7	Sac-Yolo	Pig Lake/ Lodi Lake/ Cow Pasture Pond/ agriculture runoff (Mokelumne River/ San Joaquin Delta)					
2012-2	5/25/2012	malathion	FYFANON ULV MOSQUITO	67760-34	Figure 8	San Joaquin	Empire Tract Drain (Sacramento San Joaquin Delta)	5:15		0.67 oz/acre	703.5	1050
2012-3	6/11/2012	sumithrin	ANVIL 10+10 ULV	8329-62	Figure 9	Sac-Yolo	Laguna Creek/ Camden Lake, Elder Creek (Sacramento San Joaquin Delta)	20:30		0.62 oz/acre	20480	33032
2012-4	6/12/2012	naled	Dibrom Concentrate	5481-480	Figure 10	Sac-Yolo	Laguna Creek/ Camden Lake/ Elder Creek (Sacramento San Joaquin Delta)	20:30		0.75 oz/acre	24448	32597
	6/26/2012 6/27/2012 6/28/2012 6/29/2012 6/30/2012	pyrethrin/PBO	PYRENONE 25-5 M.A.G. CONCENTRATE	432-1050	Figure 11	Coachella Valley	Duck club ponds adjacent to the Whitewater River	19:58 19:49 19:45 19:48 19:48		5oz/min @ 5mph	234 200 216 215 214	229.1 221.8 218.2
2012-6	7/18/2012	sumithrin / prallethrin	Duet	1021-1795-8329	Figure 12	Greater LA	Harbor Lake	3:00	5:00	0.95 oz/acre	246.5	260.5
2012-7	7/23/2012 7/24/2012 7/25/2012 7/26/2012 7/27/2012	permethrin	AQUA-PERMANONE (AQ	432-796	Figure 13a, 13b	Coachella Valley	Duck club ponds adjacent to the Whitewater River	19:55 19:54 20:10 19:44 19:48	20:54 20:57 21:24 21:05 20:53	5oz/min 1:1 mix @ 10mph	91 85 99 22 96	185.5 192.7 58.2
2012-8	8/1/2012	permethrin	KONTROL 4-4	73748-4	Figure 14a, 14b, 14c	Tehama County	Toomes Creek/ Mill Creek/ Dye Creek/ Antelope Slough/ Antelope Creek (Sacramento River)	20:17 20:20 19:40		6oz/min @10mph	313.6 344 29.44	332 10.4
2012-9	9/13/2012	permethrin	Biomist 4+4	8329-35	Figure 15a, 15b	Sutter/Yuba	Gilsizer Slough/ Bear River (Feather River)	21:45 19:30	22:30 20:37	8oz/min @10mph 12oz/min @15mph	360 804	619
2012-10	9/20/2012	permethrin	Biomist 4+4	8329-35	Figure 15a, 15b, 15c	Sutter/Yuba	Gilsizer Slough/ Plunas Lake/ Bear River/ Live Oak Slough (Feather River)	21:00 19:15 19:22	21:45 20:50 20:47	12oz/min @ 15mph	360 1140 1020	877
2012-11	9/26/2012	etofenprox	RF2146 RTU (Zenivex)	2724-807	Figure 16	Greater LA	Harbor Lake	3:00	5:00		364	
2012-12	9/27/2012	permethrin	, , , , , , , , , , , , , , , , , , ,	8329-35	Figure 15a	Sutter/Yuba	Gilsizer Slough (Feather River)	21:00	21:45		360	275
2012-13	10/3/2012	pyrethrin	EverGreen 6-60	1021-1770		Merced County	South Grasslands Wetland (Mud Slough)	19:00 19:08 19:25 19:35	19:05 19:17 19:34 19:50	1.56 oz/acre	186 279 326 465	291 436 509
2012-14	11/14/2012	pyrethrin	Pyrocide 7396	1021-1569	Figure 18	Butte County	Unnamed Drain #1/ Unnamed Drain #2/ Unnamed Drain #3/ Belding Lateral/ Main Drain Canal/ Ashley Lateral (Sacramento River)	10:00		5 oz/min @10 mph	122.88	

Figure 1. Statewide Chemical Monitoring Locations, MVCAC NPDES Permit Coalition, 2011 and 2012



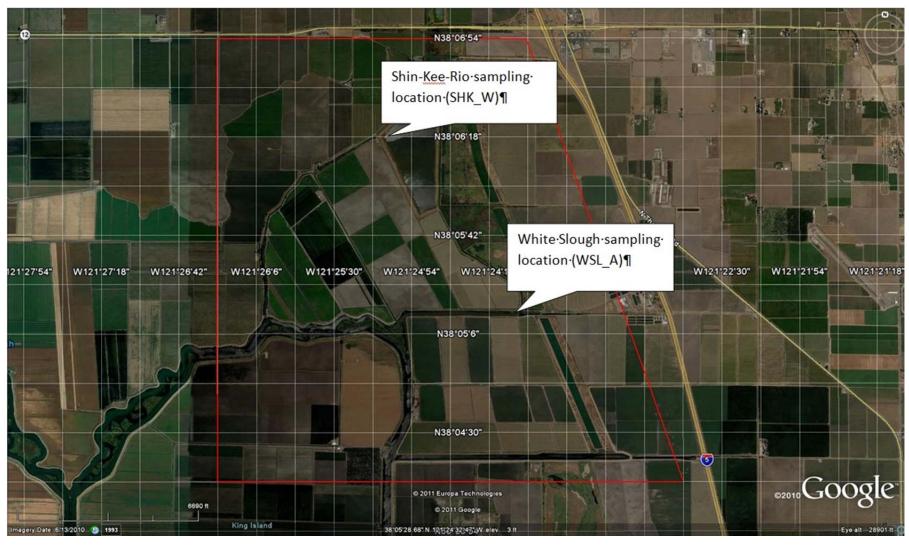


Figure 2. MVCAC Monitoring Event 2011-1 Naled Aerial Application 07/28/11 San Joaquin MVCD



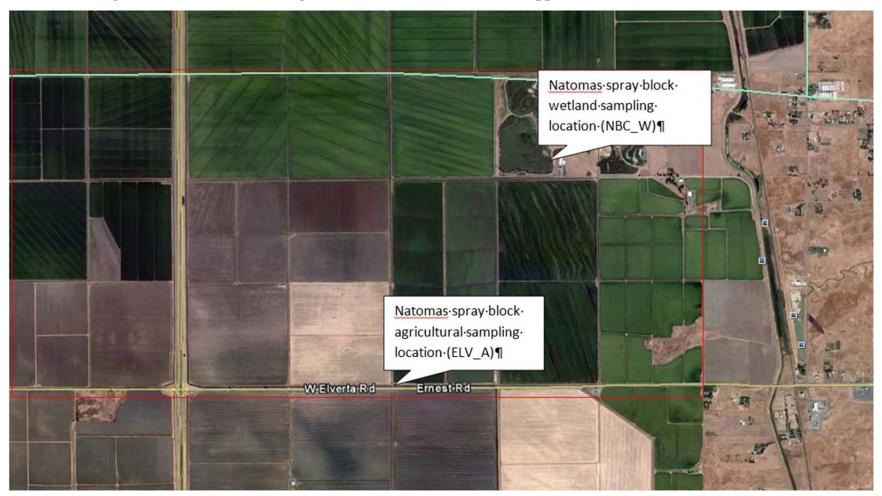


Figure 3. MVCAC Monitoring Event 2011-2 Sumithrin Aerial Application 07/28/11 Sac-Yolo MVCD

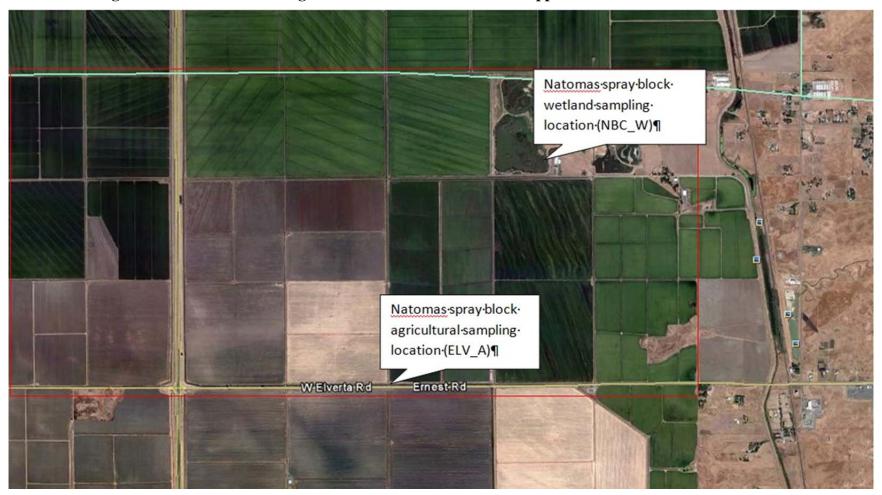


Figure 4. MVCAC Monitoring Event 2011-3 Sumithrin Aerial Application 08/09/11 Sac-Yolo MVCD





Figure 5. MVCAC Monitoring Event 2011-4 Pyrethrin / PBO Aerial Application08/23/11 Sac-Yolo MVCD



Figure 6a. MVCAC Monitoring Event 2011-5 Sumithrin Aerial Application 09/29/11 Sac-Yolo MVCD





Figure 6b. MVCAC Monitoring Event 2011-5 Sumithrin Aerial Application 09/29/11 Sac-Yolo MVCD

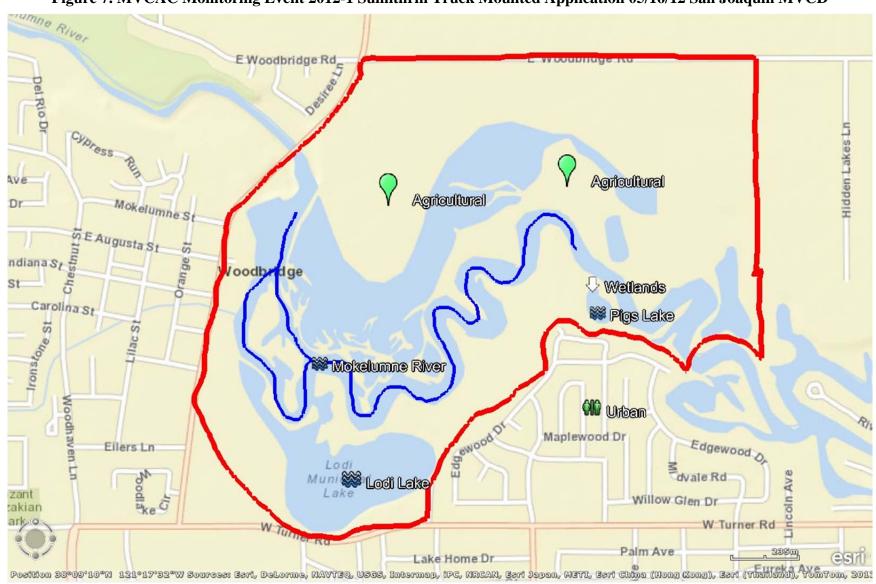
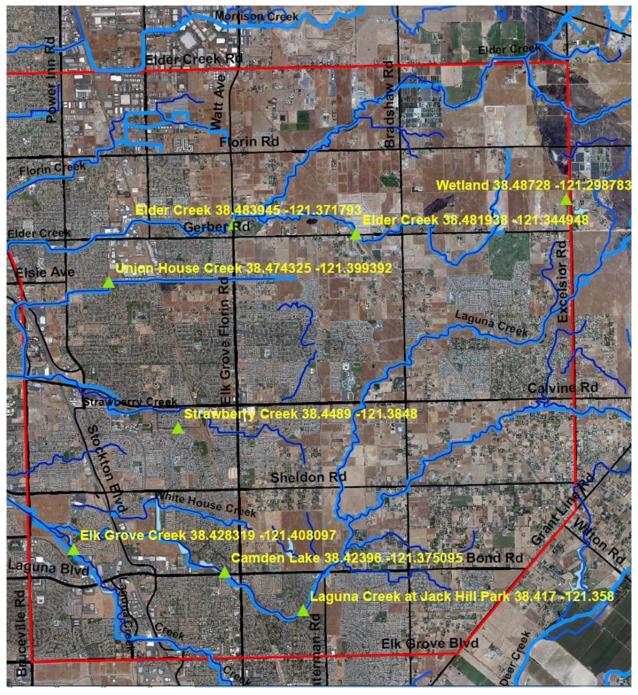


Figure 7. MVCAC Monitoring Event 2012-1 Sumithrin Truck Mounted Application 05/16/12 San Joaquin MVCD



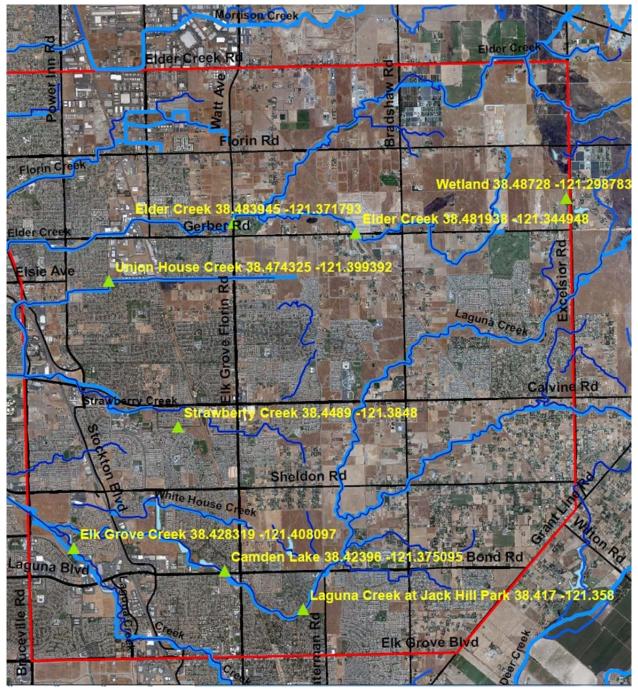
Figure 8. MVCAC Monitoring Event 2012-2 Malathion Truck Mounted Application 05/25/12 San Joaquin MVCD

Figure 9. MVCAC Monitoring Event 2012-3 Sumithrin Aerial Application 06/11/12 Sac-Yolo MVCD



Note: Sumithrin sampling for 06/11/12 Application date conducted only at Laguna Creek at Jack Hill Park (LGC Urban), Camden Lake (CDL Urban), Elder Creek at Cedar Point (ECP Urban), and Union House Creek (UHH Urban).

Figure 10. MVCAC Monitoring Event 2012-4 Naled Aerial Application 06/12/12 Sac-Yolo MVCD



Note: Naled sampling for 06/12/12 Application date conducted only at Laguna Creek at Jack Hill Park (LGC Urban), Camden Lake (CDL Urban), Elder Creek at Cedar Point (ECP Urban), Union House Creek (UHH Urban), Strawberry Creek (SBC Urban), Wetland along Excelsior Rd (WAE Wetland), and Elk Grove Creek (EGK Urban).

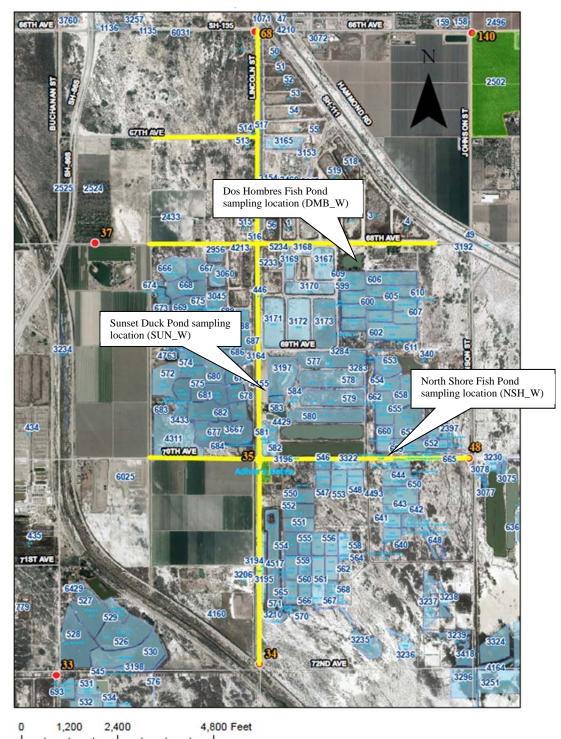


Figure 11. MVCAC Monitoring Event 2012-5 Pyrethrin / PBO Truck Mounted Application 06/26/12 Coachella Valley MVCD

Figure 12. MVCAC Monitoring Event 2012-6 Sumithrin and Prallethrin Truck Mounted Application 07/18/12 Greater Los Angeles County VCD



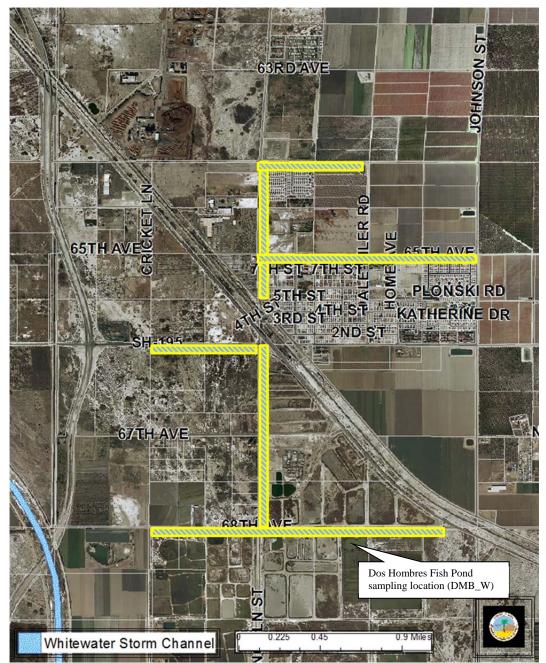


Figure 13a. MVCAC Monitoring Event 2012-7 Permethrin Truck Mounted Application 07/23/12 Coachella Valley MVCD

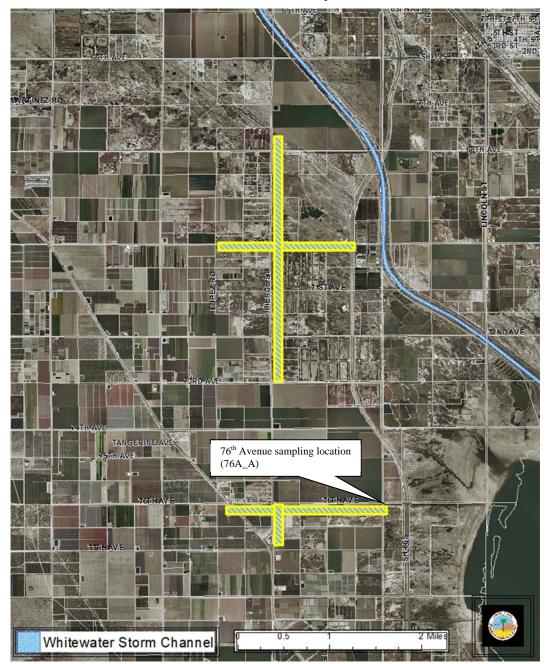


Figure 13b. MVCAC Monitoring Event 2012-7 Permethrin Truck Mounted Application 07/23/12 Cochella Valley MVCD

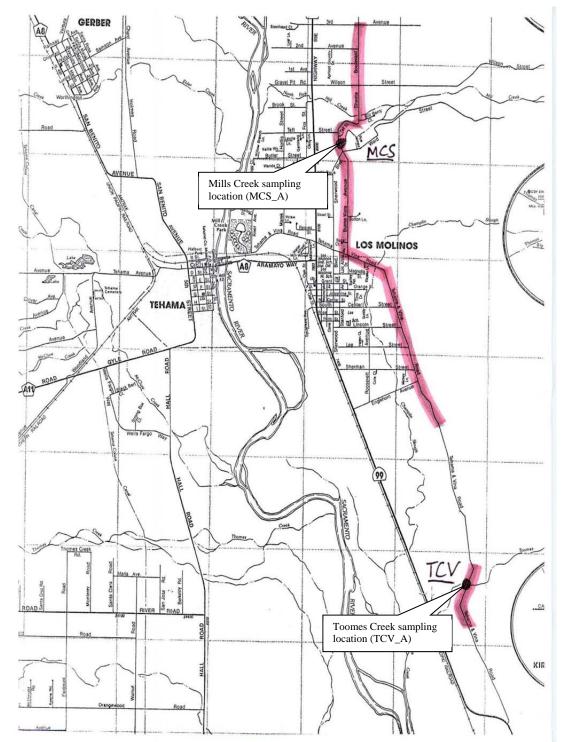
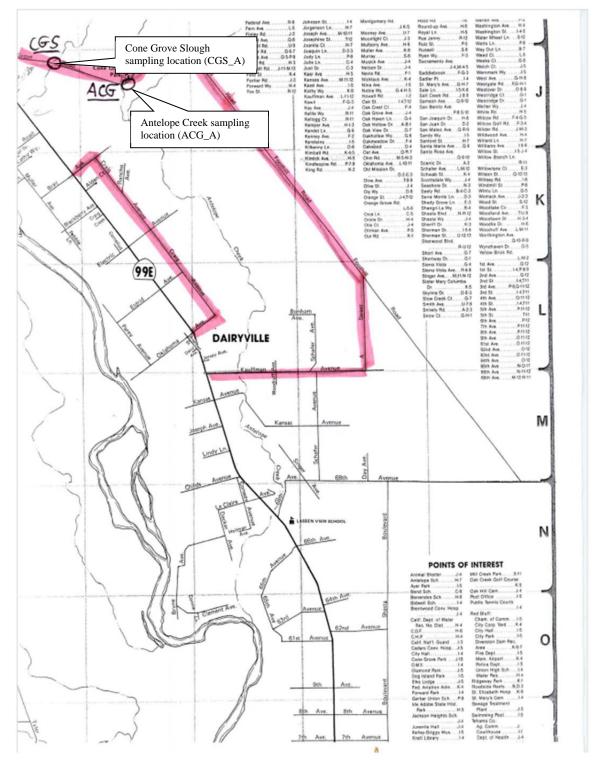


Figure 14a. MVCAC Monitoring Event 2012-8 Permethrin Truck Mounted Application 08/01/12 Tehama County MVCD

Figure 14b. MVCAC Monitoring Event 2012-8 Permethrin Truck Mounted Application 08/01/12 Tehama County MVCD



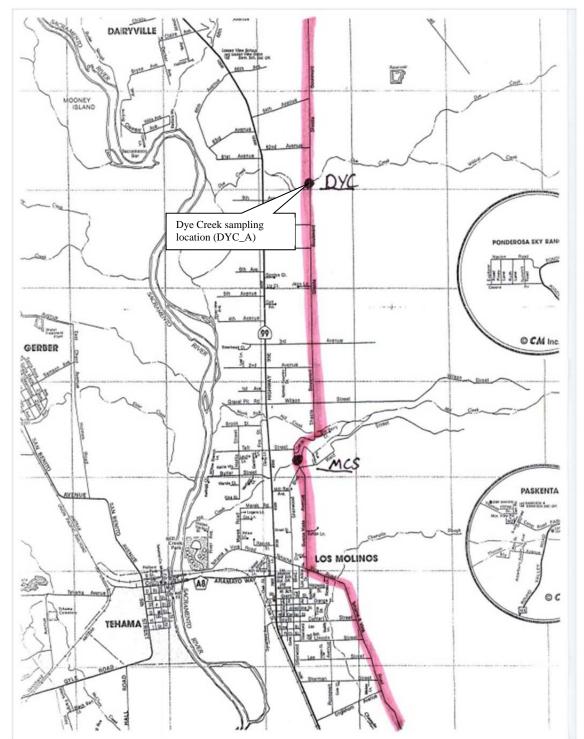
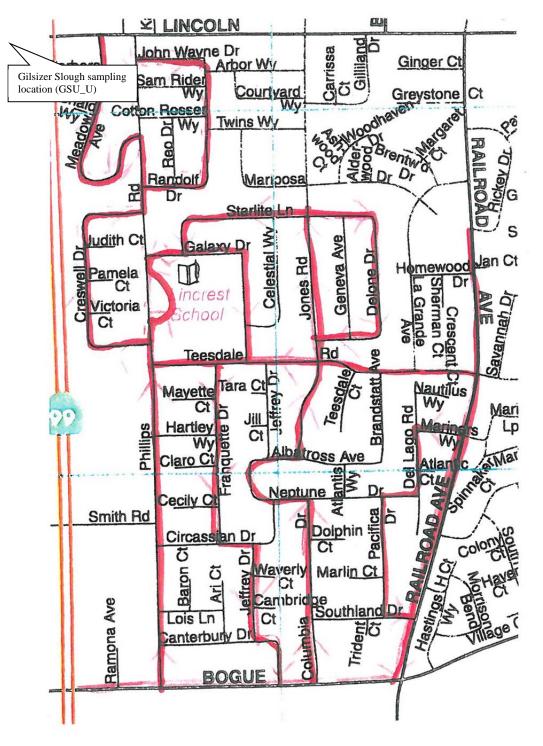


Figure 14c. MVCAC Monitoring Event 2012-8 Permethrin Truck Mounted Application 08/01/12 Tehama County MVCD

Figure 15a. MVCAC Monitoring Events 2012-9, 2012-10, and 2012-12 Permethrin Truck Mounted Application 09/13/12, 09/20/12, and 09/27/12 Sutter/Yuba MVCD



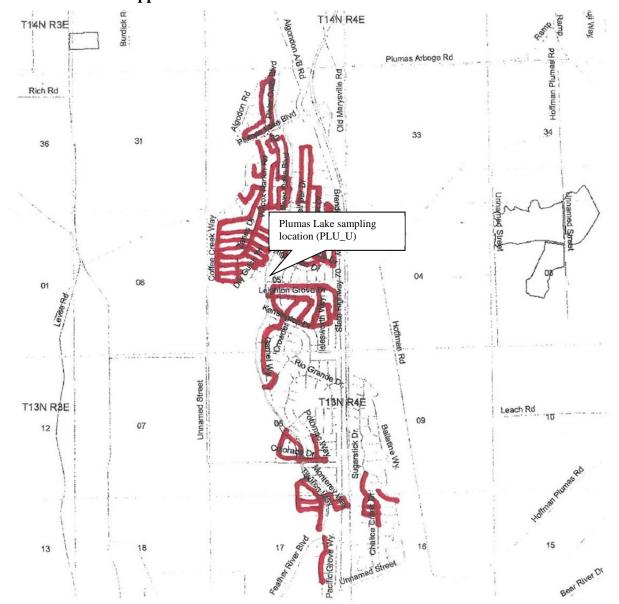


Figure 15b. MVCAC Monitoring Events 2012-9 and 2012-10 Permethrin Truck Mounted Application 09/13/12 and 09/20/12 Sutter/Yuba MVCD



Figure 15c. MVCAC Monitoring Event 2012-10 Permethrin Truck Mounted Application 09/20/12 Sutter/Yuba MVCD

Figure 16. MVCAC Monitoring Event 2012-11 Etofenprox Truck Mounted Application 09/26/12 Greater LA County VCD



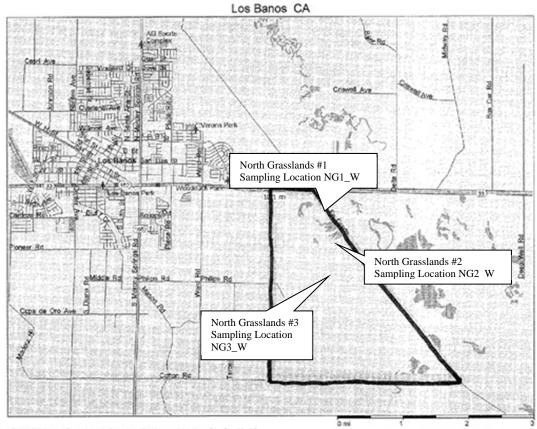
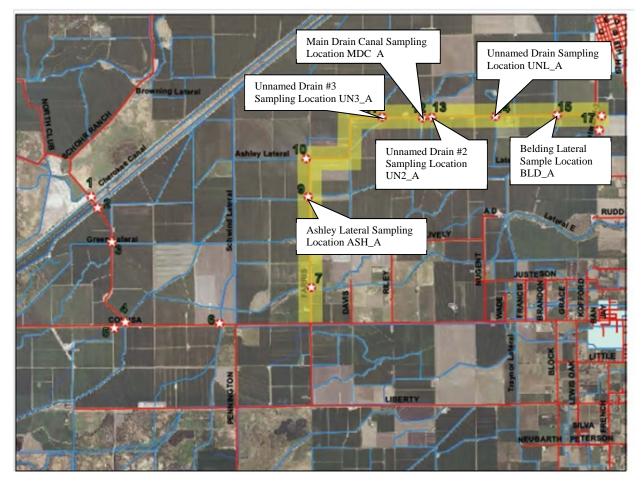


Figure 17. MVCAC Monitoring Event 2012-13 Pyrethrin Aerial Application 10/03/12 Merced County MAD

Capital of all (#) 1985-2012 Monosoft Deputition structure suppliers. All cybin reverses, high Annual Annual Schwarzhannik, and Schwarzha

Figure 18. MVCAC Monitoring Event 2012-14 Pyrethrin Truck Mounted Application Butte County 11/14/12 MVCD



			Application Info		1				MONIT	ORING Info	ormation
Date of Application	Applicator	Location	Name of Water Body	Type of Water Body	Description	Type of pesticide	Product Name	Time of Monitoring	Monitoring Date	Time	Name(s) of personnel
	Bacillus sphaeri	cus - Agriculture - San Joaqu	⊥ in County Mosquito Ve	ector Control Dis	strict (SJCMVCD)						
06/18/2012	Morgan Bennett			Channel	37 49' 49.481"N -	Larvicide	Vectolex WDG	Background	06/18/2012	2:15 PM	Dave Smith
6/18/2012	Morgan Bennett	12-1S9E20-014	Avena Drain	Channel	37 49' 49.481"N -	Larvicide	Vectolex WDG	Event	06/19/2012	11:40 AM	Dave Smith
6/18/2012	Morgan Bennett	12-1S9E20-014	Avena Drain	Channel	37 49' 49.481"N -	Larvicide	Vectolex WDG	Post-Event	06/25/2012	11:36 PM	Dave Smith
6/28/2012	Emily Pope	15-3S6E12-501-01	Durham Ferry Drain Di	Channel	37 41'37.81"N -12	Larvicide	Vectolex WDG	Background	06/28/2012	2:10 PM	Dave Smith
06/28/2012	Emily Pope	15-3S6E12-501-01	Durham Ferry Drain Di	Channel	37 41'37.81"N -12	Larvicide	Vectolex WDG	Event	06/29/2012	1:03 PM	Dave Smith
6/28/2012	Emily Pope	15-3S6E12-501-01	Durham Ferry Drain Di		37 41'37.81"N -12	Larvicide	Vectolex WDG	Post-Event	07/05/2012	1:10 PM	Dave Smith
0/19/2012	John Fritz	12-1S9E36-027-01		Channel	37 48'55.553"N -	Larvicide	Vectolex WDG	Background	10/19/2012	9:30 AM	Dave Smith
0/19/2012	John Fritz	12-1S9E36-027-01	• ·	Channel	37 48'55.553"N -	Larvicide	Vectolex WDG	Event	10/19/2012	9:40 AM	Dave Smith
0/19/2012	John Fritz	12-1S9E36-027-01	• ·	Channel	37 48'55.553"N -	Larvicide	Vectolex WDG	Post-Event	10/26/2012	10:55 AM	Dave Smith
11/02/2012	John Fritz	15-2S6E07-011	,	Channel	37 45'52.385"N -	Larvicide	Vectolex WDG	Background	11/02/2012	9:10 AM	Dave Smith
11/02/2012	John Fritz	15-2S6E07-011		Channel	37 45'52.385"N -			Event	11/02/2012	9:25 AM	Dave Smith
11/02/2012	John Fritz	15-2S6E07-011		Channel	37 45'52.385"N -	Larvicide	Vectolex WDG	Post-Event	11/13/2012	12:52 PM	Dave Smith
11/02/2012	John Fritz	15-2S6E07-011		Channel	37 45'54.845"N -				11/02/2012	9:50 AM	Dave Smith
11/02/2012	John Fritz	15-2S6E07-011		Channel	37 45'54.845"N -	Larvicide	Vectolex WDG	Event	11/02/2012	10:00 AM	Dave Smith
11/02/2012	John Fritz	15-2S6E07-011		Channel	37 45'54.845"N -			Post-Event	11/13/2012	1:08 PM	Dave Smith
11/02/2012	John Fritz	15-2S6E07-011		Channel	37 45'56.423"N -			Background		10:15 AM	Dave Smith
11/02/2012	John Fritz	15-2S6E07-011		Channel	37 45'56.423"N -			Event	11/02/2012	10:35 AM	Dave Smith
11/02/2012	John Fritz	15-2S6E07-011		Channel	37 45'56.423"N -			Post-Event	11/13/2012	1:25 PM	Dave Smith
	Bacillus sphaori	cus - Urban - Greater Los Ang		ontrol District (G							
08/16/12	Steve Newton	3625		Channel		Larvicide	Vectolex CG	Background	8/16/2012	12:00 PM	P.O'Connor, S. Vetro
08/16/12	Steve Newton	3625		Channel			Vectolex CG	Event	8/16/2012	2:15 PM	P.O'Connor, S. Vetro
08/16/12	Steve Newton	3625		Channel			Vectolex CG		8/16/2012		P.O'Connor, R. Gall
08/29/2012	Steve Newton	3625		Channel			VectoLex CG	Background			R. Gallant, S. Vetror
08/29/2012	Steve Newton	3625		Channel			VectoLex CG	Event	08/30/2012	9:55 AM	R. Gallant, S. Vetror
08/29/2012	Steve Newton	3625		Channel			VectoLex CG		09/12/2012		P. O'Connor, S. Vet
9/13/12	Steve Newton	3625		Channel			VectoLex CG	Background			P. O'Connor, S. Vet
9/13/12	Steve Newton	3625		Channel			VectoLex CG	Event	09/13/2012		P. O'Connor, S. Vet
9/13/12		3625		Channel			VectoLex CG	Post-Event			S. Vetrone
9/27/12		3625	Bull Creek @ Victory				VectoLex CG	Background			S. Vetrone
)/27/12)/27/12	Steve Newton	3625	Bull Creek @ Victory				VectoLex CG	0	9/28/2012		S. Vetrone
)/27/12)/27/12		3625	Bull Creek @ Victory				VectoLex CG		10/11/2012		P. O'Connor
0/11/2012		3625		Channel			VectoLex CG	Background			P. O'Connor
0/11/2012	Steve Newton	3625		Channel			VectoLex CG	Event	10/11/2012		P. O'Connor
0/11/2012	Steve Newton	3625		Channel			VectoLex CG	Post-Event	10/24/2012		S. Vetrone, R Gallar
10/11/2012	Steve Newton	3625		Channel			VectoLex CG	Background			S. Vetrone, R. Galla
10/25/2012	Steve Newton	3625		Channel			VectoLex CG	Event	10/25/2012		S. Vetrone, R. Galla
10/25/2012	Steve Newton	3625		Channel			VectoLex CG		10/07/2012		
10/23/2012	SIEVE NEWLON	3023	Dull Cleek	Unannel	1	Laiviciue		FUSI-EVENT	10/07/2012	10.30 AIVI	R. Gallant, S. Kluh

	W	eather Condition	ons					Visual	Observation	าร				Field	Measureme	ents	
Date of Application	Overhead Conditions	Precipitation	Wind	Air Temperature	Water Color	Water Clarity	Floating/Susp ended Matter	Bottom Deposits	Aquatic Life	Water Surface Oils	Fungi,Slimes or objectionable growths	Potential Nuisance Conditions	Temperature	Electrical condutivity (EC)	Dissolved oxygen (DO)	рН	Turbidi
													(°F)	(µS/cm)	(mg/L)	(units)	(NTU)
	Bacillus spha	aericus - Agric	ulture - San	Joaquin Cour	nty Mosquito	Vector	Control Distric	t (SJCMVC	<u>D)</u>								
6/18/2012	Clear/sunny		Light breeze			Murky	Observed		Not Observ		Not Observed			4496	0.09	6.98	80.7
6/18/2012	Clear/sunny	None	Light breeze			Murky	Observed		Not Observ		Not Observed			3507	0.13	7.00	92.3
6/18/2012	Clear/sunny	None	Light breeze		Brown	Murky	Observed		Not Observ			animal was		6195	0.81	7.40	2876 AL
6/28/2012	Clear/sunny	None	Light breeze		Brown		Observed		Not Observ		Not Observed			324	3.06	6.98	11.65
6/28/2012	Clear/sunny	None	Light breeze		Brown		Observed		Observed		Not Observed			329	2.75	6.98	13.7
6/28/2012	Clear/sunny		Light breeze			Murky	Observed		Not Observ		Not Observed	animal wasi		412	4.78	7.44	2055 AL
0/19/2012	Overcast		Light breeze			Clear	Observed		Not Observ		Not Observed			177	8.11	7.23	2.90
0/19/2012			Light breeze		Colorless	Clear	Observed		Not Observ		Not Observed			176	7.84	7.10	5.24
0/19/2012	Clear/sunny		Light breeze		Clolorless		Observed		Not Observ		Not Observed			362	9.70	7.40	3.94
1/02/2012	Clear/sunny	None	Light breeze				Observed		Not Observ		Not Observed			2214	7.44	6.95	24.9
1/02/2012	Clear/sunny		Light breeze				Observed		Not Observ		Not Observed			2214	7.21	7.31	28.7
1/02/2012	Clear/sunny	None	Light breeze		Brown		Observed		Not Observ		Not Observed			2265	7.82	7.11	20.9
1/02/2012	Clear/sunny	None	Light breeze		Brown	Clear	Observed		Not Observ		Not Observed			2183	6.17	7.64	17.5
1/02/2012	Clear/sunny		Light breeze			Clear	Observed		Not Observ		Not Observed			2191	7.23	7.59	23.5
1/02/2012	Clear/sunny		Calm	Cool		Clear	Observed		Not Observ		Not Observed			2074	6.66	7.35	96.6
1/02/2012	Clear/sunny		Light breeze			Clear	Observed		Not Observ		Not Observed	None		2069	5.80	7.50	14.9
1/02/2012	Clear/sunny		Light breeze		Brown	Clear	Observed		Not Observ		Not Observed	None		2058	6.77	7.41	12.8
1/02/2012	Clear/sunny	None	Calm	Cool	Brown	Clear	Observed	Observed	Not Observ	none	Not Observed	None	47.69	142	7.73	7.23	149
	_																
							I District (GLAC			-							
8/16/12	Partly cloudy		Calm	Hot			Observed		Observed		Not Observed	Considerab		872		8.7	1.37
8/16/12	, , ,		Light breeze				Observed		Observed		Not Observed	Foamy wate		857		9.6	2.74
8/16/12			Light breeze			Murky	Observed		Observed		Observed	Trash and c		795		8.87	2.84
8/29/2012	Clear/sunny		Light breeze			Murky	Observed			Films	Observed	Trash & del		795	8.27	8.87	2.84
8/29/2012	Clear/sunny		Light breeze			Murky	Observed	Observed	Observed		Observed	trash & deb		709	6.71	8.45	2.9
8/29/2012	Clear/sunny	None	Light breeze			Clear	Observed	Observed			Observed	Trash & del		776		9.08	1.14
/13/12	Clear/sunny	None	Calm	Hot		Murky	Observed		Observed		Observed			776	2.39	9.08	1.14
/13/12		None	Calm	Hot			Observed		Observed		Observed			741	7	8.22	1.46
	Clear/sunny					-	Observed		Observed		Observed			612		8.96	2.21
/27/12			Light breeze				Observed		Observed		Observed			612		8.96	2.21
/27/12		None	Light breeze				Observed		Observed		Observed			564		8.52	2.61
/27/12	Partly cloudy		Light breeze			Murky	Observed		Observed		Observed	Trash and f		590		8.76	2.57
0/11/2012	Partly cloudy		Light breeze			,	Observed		Observed		Observed	Trash and c		590	9.92	8.76	2.57
0/11/2012	Partly cloudy	Intermittent sh	-			Murky	Observed		Observed	Films	Observed	Trash and c		665	9.09	9.13	14.24
0/11/2012	,		Gusty	Cool		Murky	Observed	Observed			Observed			735		8.45	1.95
0/25/2012			Gusty	Cool		Murky	Observed	Observed			Observed			735		8.45	1.95
0/25/2012			Gusty	Cool		Clear	Observed	Observed			Observed			816	10.2	8.45	1.73
0/25/2012	Clear/sunny	None	Light breeze	Warm/mild	Colorless	Clear	Observed	Not Observ	Not Observ		Not Observed	None	62.6	996	10.49	8.79	2.52

	1		Application Info		I	I	1		MONI	FORING Inf	ormation
Date of Application	Applicator	Location	Name of Water Body	Type of Water Body	Description	Type of pesticide	Product Name	Time of Monitoring	Monitoring Date	Time	Name(s) of personnel
		cus - Wetland - San Mateo Co			trict (SMCMVCD)				0/00///0		
03/29/12		Millbrae Overpass, SW, Millbra		Open waterway		Larvicide		Pre	3/29/12	15:45	Stephanie Busam
03/29/12		Millbrae Overpass, SW, Millbra		Open waterway		Larvicide		Event	3/29/12	15:53	Stephanie Busam
03/29/12		Millbrae Overpass, SW, Millbra		Open waterway		Larvicide		Post	4/17/12	15:07	Stephanie Busam
03/29/12		Millbrae Overpass, NW, Millbra		Channel		Larvicide		Pre	3/29/12	15:11	Stephanie Busam
03/29/12		Millbrae Overpass, NW, Millbra		Channel		Larvicide		Event	3/29/12	3:36	Stephanie Busam
03/29/12		Millbrae Overpass, NW, Millbra		Channel		Larvicide		Post	4/17/12	15:04	Stephanie Busam
07/10/12	Jim O'Brien	Sharp Park Golf Course Helico		Pond		Larvicide		Pre	7/9/12	9:11	Jim O'Brien
07/10/12	Jim O'Brien	Sharp Park Golf Course Helico		Pond		Larvicide		Event	7/10/12	1:13	Jim O'Brien
07/10/12	Jim O'Brien	Sharp Park Golf Course Helico	Fresh H2O Marsh	Pond		Larvicide	Vectolex	Post	7/30/12	9:30	Jim O'Brien
07/31/12	Jim O'Brien	Sharp Park Golf Course Helico	Fresh H2O Marsh	Pond		Larvicide	Vectolex	Pre	7/30/12	9:25	Jim O'Brien
07/31/12	Jim O'Brien	Sharp Park Golf Course Helico		Pond		Larvicide	Vectolex	Event	7/31/12	3:07	Jim O'Brien
07/31/12	Jim O'Brien	Sharp Park Golf Course Helico	Fresh H2O Marsh	Pond		Larvicide	Vectolex	Post	8/17/12	8:59	Jim O'Brien
09/10/12	Ben Rusmisel	SFO/Mills Field Helicopter, Sar	Fresh H2O Marsh	Channel		Larvicide	Vectolex	Pre	9/10/12	3:20	Ben Rusmisel
09/10/12	Ben Rusmisel	SFO/Mills Field Helicopter, Sar	Fresh H2O Marsh	Channel		Larvicide	Vectolex	Event	9/11/12	2:35	Ben Rusmisel
09/10/12	Ben Rusmisel	SFO/Mills Field Helicopter, Sar	Fresh H2O Marsh	Channel		Larvicide	Vectolex	Post	10/15/12	3:00	Ben Rusmisel
11/26/12	Casey Stevensor	University Ave, E Palo Alto	Imp H2O	Open waterway		Larvicide	Vectolex	Pre	11/26/12	9:24	Casey Stevenson
11/26/12	Casey Stevensor	University Ave, E Palo Alto	Imp H2O	Open waterway		Larvicide	Vectolex	Event	12/26/12	9:40	Casey Stevenson
11/26/12	Casey Stevensor	University Ave, E Palo Alto	Imp H2O	Open waterway		Larvicide	Vectolex	Post	12/17/12	9:55	Casey Stevenson
	Bacillus thurige	nsis - Agriculture - Placer Mos	quito Vector Control	District (PMVCD)							
07/24/12	Dibble Inc.	"Davis Ranch off Catlett Rd., S	Kings Slough	slough	shallow <7", cattai	Bti	Vectobac 12AS 8oz/acre	background	07/23/2012	1:00 PM	Mary Sorensen, Kell
07/24/12	Dibble Inc.	"Davis Ranch off Catlett Rd., S	Kings Slough	slough	shallow <7", cattai	Bti	Vectobac 12AS 8oz/acre	event	07/24/2012	11:00 AM	Mary Sorensen, Kell
07/24/12	Dibble Inc.	"Davis Ranch off Catlett Rd., S	Kings Slough	slough	shallow <7", cattai	Bti	Vectobac 12AS 8oz/acre	post event	07/30/2012	11:00 AM	Mary Sorensen, Kel
07/24/12	Dibble Inc.	"Lincoln Ranch Pond off of Bre	unnamed pond	pond	~ 5 acres, >6 feet	Bti	Vectobac 12AS 8oz/acre	background	07/23/2012	2:00 PM	Mary Sorensen, Kel
07/24/12	Dibble Inc.	"Lincoln Ranch Pond off of Bre	unnamed pond	pond	~ 5 acres, >6 feet	Bti	Vectobac 12AS 8oz/acre	event	07/24/2012	11:40 AM	Mary Sorensen, Kell
07/24/12	Dibble Inc.	"Lincoln Ranch Pond off of Bre	unnamed pond	pond	~ 5 acres, >6 feet	Bti	Vectobac 12AS 8oz/acre	post event	07/30/2012	11:30 AM	Mary Sorensen, Kell
07/24/12	Dibble Inc.	"Auburn Ravine at Lincoln Ran	Auburn Ravine	creek	~30 feet wide, flow	Bti	Vectobac 12AS 8oz/acre	background	07/23/2012	2:20 PM	Mary Sorensen, Kell
07/24/12	Dibble Inc.	"Auburn Ravine at Lincoln Ran	Auburn Ravine	creek	~30 feet wide, flow	Bti	Vectobac 12AS 8oz/acre	event	07/24/2012	12:20 PM	Mary Sorensen, Kel
07/24/12	Dibble Inc.	"Auburn Ravine at Lincoln Ran	Auburn Ravine	creek	~30 feet wide, flow	Bti	Vectobac 12AS 8oz/acre	post event	07/30/2012	12:00 PM	Mary Sorensen, Kel
07/25/12	Dibble Inc.	"N of Nicolaus Rd, W of Dowd		slough	~ 15 feet wide, tul		Vectobac 12AS 8oz/acre	background	07/24/2012		Mary Sorensen, Kel
07/25/12	Dibble Inc.	"N of Nicolaus Rd, W of Dowd		slough	~ 15 feet wide, tul		Vectobac 12AS 8oz/acre	event	07/25/2012		Mary Sorensen, Kel
07/25/12	Dibble Inc.	"N of Nicolaus Rd, W of Dowd	Ū.	slough	~ 15 feet wide, tul		Vectobac 12AS 8oz/acre	post event	07/30/2012	12:40 PM	Mary Sorensen, Kel
07/25/12	Dibble Inc.	"Scillachi's ranch"	Coon Creek	creek	offshoot from mai		Vectobac 12AS 8oz/acre		07/24/2012	1:20 PM	Mary Sorensen, Kel
07/25/12	Dibble Inc.	"Scillachi's ranch"	Coon Creek	creek	offshoot from main		Vectobac 12AS 8oz/acre	event	07/25/2012	1:30 PM	Mary Sorensen, Kel
07/25/12	Dibble Inc.	"Scillachi's ranch"	Coon Creek	creek	offshoot from main		Vectobac 12AS 8oz/acre	post event	07/30/2012	1:00 PM	Mary Sorensen, Kel
07/25/12	Dibble Inc.	"east of Bunkham Slough"	unnamed slough	slough	~30 feet wide	Bti	Vectobac 12AS 8oz/acre		07/24/2012	2:00 PM	Mary Sorensen, Kel
07/25/12	Dibble Inc.	"east of Bunkham Slough"		slough	~30 feet wide	Bti	Vectobac 12AS 8oz/acre	event	07/25/2012	1:45 PM	Mary Sorensen, Kel
07/25/12	Dibble Inc.	"east of Bunkham Slough"	unnamed slough	slough	~30 feet wide	Bti	Vectobac 12AS 8oz/acre	post event	07/30/2012	1:30 PM	Mary Sorensen, Kel
- ·											,,,,,,,

	W	eather Conditio	ons					Visual	Observatio	ns				Field	Measureme	ents	
Date of Application	Overhead Conditions	Precipitation	Wind	Air Temperature	Water Color	Water Clarity	v .		Aquatic Life	Water Surface Oils	Fungi,Slimes or objectionable growths	Potential Nuisance Conditions	Water Temperature	Electrical condutivity (EC)	Dissolved oxygen (DO)	рН	Turbidit
											growtho	Conditione	(ºF)	(µS/cm)	(mg/L)	(units)	(NTU)
	Bacillus snha	oricus - Wotl	and - San Ma	teo County M	osquito and V	Vector	Control District		(ח				(' /	(µ0/011)	(1119/12)	(unito)	(1110)
03/29/12	Overcast		Light breeze			Clear	FALSE	FALSE	TRUE		FALSE		69.5	2232	2.12	7.4	4.55
03/29/12			Light breeze			Clear	FALSE	FALSE	TRUE		FALSE			2298	2.99	7.2	13.6
03/29/12	Clear/sunny		Gusty	Warm/mild		Clear	FALSE	FALSE	TRUE		FALSE			5798	4.14	7.78	29.2
03/29/12	Overcast		Light breeze			Murky	TRUE	FALSE	TRUE		FALSE	algae on to		2757	2.29	7.5	3.1
03/29/12	Overcast		Light breeze			Murky	TRUE	FALSE	TRUE		FALSE	algae		27787	2.12	7.1	11.4
03/29/12	Clear/sunny		Gusty	Warm/mild		Murky	TRUE	FALSE	TRUE		FALSE	algae	90.85	1632	4.15	7.6	7.17
07/10/12	Overcast		Light breeze			Clear	FALSE	FALSE	TRUE		FALSE	aigae	57.23	10080	1.61	7.56	0.53
07/10/12	Overcast		Light breeze			Clear	FALSE	FALSE	FALSE		FALSE		57.06	10000	1.75	7.23	7.89
07/10/12	Overcast		Calm	Cool		Clear	FALSE	FALSE	FALSE		FALSE		57.85	10380	1.65	7.34	27
07/31/12	Partly cloudy		Calm	Cool		Clear	FALSE	FALSE	TRUE	other	FALSE		57.85 57.85	10387	1.63	7.34	27
07/31/12	Overcast		Light breeze			Clear	FALSE	FALSE	TRUE	ourier	FALSE			10562	1.6	7.25	0.92
07/31/12	Overcast		Calm	Cool		Clear	FALSE	FALSE	TRUE		FALSE			10862	1.57	7.56	25.5
09/10/12	Clear/sunny		Light breeze			Clear	FALSE	TRUE	FALSE		FALSE			7880	1.4	7.73	5.37
09/10/12	Clear/sunny		Calm	Warm/mild	Colorless	Clear	FALSE	TRUE	FALSE		FALSE			6792	1.52	7.77	8.68
09/10/12	Clear/sunny		Light breeze		Colorless	Clear	FALSE	TRUE	FALSE		FALSE			7841	1.42	8	1.88
11/26/12	Clear/sunny		Light breeze		Colorless	Clear	FALSE	FALSE	TRUE		FALSE			2334	1.54	o 7.47	28.9
11/26/12	Clear/sunny		Light breeze			Clear	FALSE	FALSE	TRUE		FALSE			2334	1.54	7.35	46.9
11/26/12			Calm	Cool		Clear	FALSE	FALSE	TRUE		FALSE			2345 1448	1.82	7.05	40.9
11/20/12	Overcast	none	Caim	000	Coloness	Clear	FALSE	FALSE	TRUE		FALSE		52.90	1440	1.02	7.05	14.9
	Bacillus thuri	aonsis - Aaria	culturo - Plac	er Mosquito \	lector Contro	l Dietri											
07/24/12			gusty	hot	yellow/brown			yes	no	no	no	cattails	73.9	288	2.27	6.9	5.97
07/24/12	sunny, clear		gusty	warm	yellow/brown	•					no	cattails		250	1.93	6.95	35.2
07/24/12	sunny, clear		light breeze	hot	yellow/brown		yes no	yes	no no	no	no	cattails		349	2.21	6.88	5.52
07/24/12			~	hot	<i></i>	cloudy		yes yes		no	no			431	12.2	8.96	3.39
07/24/12	sunny, clear		light breeze			cloudy			yes	no		no		430	12.2	8.88	3.68
07/24/12	sunny, clear		calm	warm hot		cloudy		yes	yes	no	no	no		430	10.4	8.8	5.04
	sunny, clear					,		yes	yes	no	no	no		423 79	9.36	8.1	3.27
07/24/12	sunny, clear		light breeze	not	yellow/brown			yes	yes	no	no	no					
07/24/12	sunny, clear		calm	not	yellow/brown			yes	yes	no	no	no	71.85	81	8.91	7.75	4.94
07/24/12	sunny, clear		light breeze	hot	yellow/brown			yes	yes	no	no	no	73.9	80	10.1	7.71	5.16
			calm	hot		murky		yes	no	no	no			306	0.823	6.93	103.2
07/25/12			light breeze			murky		yes	no	no	no	tulles		300	1.54	7	87.4
	sunny, clear		light breeze			murky		yes	no	no	no	tulles		331	2.24	6.93	45.6
07/25/12			LUGIDT DROOTO	Inot	greenish yello			yes	yes	no	no			407	17.1	8.92	68.2
07/25/12 07/25/12	sunny, clear		light breeze							00	100	00					106.1
07/25/12 07/25/12 07/25/12	sunny, clear sunny, clear	none	light breeze	hot	greenish yello			yes	yes	no	no			546	16.1	8.98	86.2
07/25/12 07/25/12 07/25/12 07/25/12	sunny, clear sunny, clear sunny, clear	none none	light breeze light breeze	hot hot	greenish yello greenish yello	murky	no	yes	yes	no	no	no	86.83	297	13.7	8.73	60.4
07/25/12 07/25/12 07/25/12 07/25/12 07/25/12	sunny, clear sunny, clear sunny, clear sunny, clear	none none none	light breeze light breeze light breeze	hot hot hot	greenish yello greenish yello brown	murky cloudy	no yes	yes yes	yes yes	no no	no algae	no water primr	86.83 78.21	297 373	13.7 6.32	8.73 7.31	60.4 4.65
07/25/12 07/25/12 07/25/12 07/25/12 07/25/12 07/25/12	sunny, clear sunny, clear sunny, clear sunny, clear sunny, clear	none none none none	light breeze light breeze	hot hot hot hot	greenish yello greenish yello brown brown	murky	no yes yes	yes	yes	no	no	no	86.83 78.21 79.61	297	13.7	8.73	60.4

			Application Info						MONI	FORING Info	ormation
Date of Application	Applicator	Location	Name of Water Body	Type of Water Body	Description	Type of pesticide	Product Name	Time of Monitoring	Monitoring Date	Time	Name(s) of personnel
	Bacillus thuring	ensis - Urban - Greater Los A	ngeles County Vector C	ontrol District (G							
08/15/2012	Frank Ochoa	5653	Los Angeles River	Channel		Larvicide	Vectobac12AS	Background	08/15/2012	8:30 AM	S. Kluh, R. Gallant, F
08/15/2012	Frank Ochoa	5653	Los Angeles River	Channel			Vectobac12AS	Event	08/15/2012		S. Kluh, R. Gallant, F
08/15/2012	Frank Ochoa	5653	Los Angeles River	Channel			Vectobac12AS	Post-Event	08/16/2012		P. O'Connor, S. Vetr
08/29/2012	Frank Ochoa	5639	Los Angeles River	Channel			Vectobac 12AS			9:50 AM	P. O'Connor, R. Gall
08/29/2012	Frank Ochoa	5639	Los Angeles River	Channel			Vectobac 12AS	Event	08/29/2012	12:09 AM	P. O'Connnor, R. Ga
08/29/2012	Frank Ochoa	5639	Los Angeles River	Channel			Vectobac 12AS	Post-Event	8/29/2012	9:00 AM	R. Gallant, S. Vetron
09/12/12	Jeremy Uhlenko		Los Angeles River	Channel			Vectobac 12AS		09/12/2012	9:30 AM	P. O'Connor, S. Vetr
09/12/12	Jeremy Uhlenko		Los Angeles River	Channel			Vectobac 12AS	Event	09/12/2012		P. O'Connor, S. Vetr
09/12/12	Jeremy Uhlenko			Channel			Vectobac 12AS		09/13/2012		P. O'Connor, S. Vetr
09/27/12	Frank Ochoa	5639	Los Angeles River @ S				VectoBac 12AS				S. Vetrone
09/27/12	Frank Ochoa	5639	Los Angeles River @ S				VectoBac 12AS	Event	09/27/2012	11:27 AM	S. Vetrone
09/27/12	Frank Ochoa	5639	Los Angeles River @ S				VectoBac 12AS	Post-Event	09/28/2012	9:43 AM	S. Vetrone
10/10/2012	Frank Ochoa	5639	LA River above Sepulv				VectoBac 12AS	Background	10/10/2012	9:35 AM	S. Vetrone
10/10/2012	Frank Ochoa	5639	LA River above Sepulv				VectoBac 12AS	Event	10/10/2012	9:57 AM	S. Vetrone
10/10/2012	Frank Ochoa	5639	LA River above Sepulv				VectoBac 12AS	Post-Event	10/11/2012	10:50 AM	P. O'Connor
10/24/2012	Frank Ochoa	5639	Los Angeles River	Channel			VectoBac 12AS	Background	10/24/2012	9:35 AM	S. Vetrone, R.Gallan
10/24/2012	Frank Ochoa	5639	•	Channel			VectoBac 12AS	Event	10/24/2012		S. Vetrone, R Gallan
10/24/2012	Frank Ochoa	5639	Los Angeles River	Channel			VectoBac 12AS	Post-Event	10/25/2012		S. Vetrone, R Gallan
	Bacillus thurige	ensis - Wetland - Butte Coun	ty Mosquito Vector Cont	rol District (BCM							
09/20/2012	Del Boyd	39.19623/121.34950	Duck club / wetland	Open waterway	<u></u>	Larvicide	Vectobac G	Background	09/20/12	12:00 PM	Bill Kunde
09/20/2012	Del Boyd	39.19623/121.34950	Duck club / wetland	Open waterway			Vectobac G	Event	9/20/2012	6:40 PM	Bill Kunde
09/20/2012	Del Boyd	39.19623/121.34950	Duck club / wetland	Open waterway			Vectobac G	Post-Event	9/24/2012	1:45 PM	Bill Kunde
09/20/2012	Del Boyd	39.27984/121.53240	Howard Slough	Open waterway			Vectobac G	Background		3:00 PM	Bill Kunde
09/20/2012	Del Boyd	39.27984/121.53240		Open waterway			Vectobac G	Event	9/20/2012	4:47 PM	Bill Kunde
09/20/2012	Del Boyd	39.27984/121.53240		Open waterway			Vectobac G	Post-Event	9/24/2012	3:00PM	Bill Kunde
09/20/2012	Del Boyd	39.23665/121.51610	Little Dry Creek Wetlar				Vectobac G			3:40 PM	Bill Kunde
09/20/2012	Del Boyd	39.23665/121.51610	Little Dry Creek Wetlar				Vectobac G	Event	9/20/2012	5:46PM	Bill Kunde
09/20/2012	Del Boyd	39.23665/121.51610	Little Dry Creek Wetlar				Vectobac G	Post-Event		4:05 PM	Bill Kunde
09/20/2012	Del Boyd	39.23426/121.53174	Little Dry Creek Wetlar				Vectobac G	Background		4:10 PM	Bill Kunde
09/20/2012	Del Boyd	39.23426/121.53174	Little Dry Creek Wetlar				Vectobac G	Event	09/20/2012	5:22 PM	Bill Kunde
09/20/2012	Del Boyd	39.23426/121.53174	Little Dry Creek Wetlar				Vectobac G	Post-Event		3:41 PM	Bill Kunde
09/24/2012	Del Boyd	39.19744/121.34103		Open waterway			Vectobac G	Background			Bill Kunde
09/24/2012	Del Boyd	39.19744/121.34103		Open waterway			Vectobac G	Event	09/24/2012	1:00 PM	Bill Kunde
09/24/2012	Del Boyd	39.19744/121.34103		Open waterway			Vectobac G		09/27/2012	1:20 PM	Bill Kunde
09/24/2012	Del Boyd	39.19874/121.34066	Wetland/duck club	Open waterway			Vectobac G	Background			Bill Kunde
09/24/2012	Del Boyd	39.19874/121.34066	Wetland/duck club	Open waterway			Vectobac G	Event	09/24/2012	1:05 PM	Bill Kunde
09/24/2012	Del Boyd	39.19874/121.34066	Wetland/duck club	Open waterway			Vectobac G		09/27/2012	1:10 PM	Bill Kunde
55/21/2012	20.20,0			- pon mator may							

	W	eather Condition	ons					Visual	Observatio	ns				Field	Measureme	ents	
Date of Application	Overhead Conditions	Precipitation	Wind	Air Temperature	Water Color	Water Clarity	Floating/Susp ended Matter	Bottom Deposits	Aquatic Life	Water Surface Oils	Fungi,Slimes or objectionable growths	Potential Nuisance Conditions	Water Temperature	Electrical condutivity (EC)	Dissolved oxygen (DO)	pН	Turbidity
													(°F)	(µS/cm)	(mg/L)	(units)	(NTU)
	Bacillus thur	igensis - Urba	n - Greater L	os Angeles C	ounty Vector	Contro	District (GLA	CVCD)									
08/15/2012	Clear/sunny	None	Calm	Warm/mild	Colorless	Clear	Observed	Observed	Observed		Observed	None	82.2	1093	6.01	7.68	1.5
08/15/2012	Clear/sunny	None	Calm	Warm/mild	Colorless	Clear	Observed	Observed	Observed		Observed	Kayakers w	84.2	1110	6.49	7.78	2.5
08/15/2012	Partly cloudy	None	Light breeze	Hot	Colorless	Clear	Observed	Observed	Observed		Observed	Kayakers w	86.2	1070	7.5	7.73	1.68
08/29/2012	Clear/sunny	None	Light breeze	Hot	Colorless	Clear	Observed	Observed	Observed		Observed	Kayaker wa	82.04	1013	6.23	7.51	2.09
08/29/2012	Clear/sunny	None	Light breeze	Hot	Colorless	Clear	Observed	Observed	Observed		Observed	Kayaker wa	84.56	1050	7.03	7.63	1.91
08/29/2012	Clear/sunny	None	Calm	Warm/mild	Colorless	Clear	Observed	Observed	Observed		Observed	Kayakers w	80.42	9.83	5.11	7.49	1.59
09/12/12	Overcast	None	Light breeze	Cool	Green	Clear	Not Observed	Observed	Observed		Observed	Kayakers w	79.8	976	4.4	7.62	2.28
09/12/12	Clear/sunny	None	Light breeze	Warm/mild	Green	Clear	Not Observed	Observed	Observed		Observed	Kayakers u	83.5	1024	1.9	7.62	1.97
09/12/12	Clear/sunny	None	Calm	Hot	Green	Clear	Not Observed	Observed	Observed		Observed	None	82.4	996	5.3	7.59	2.37
09/27/12	Clear/sunny	None	Light breeze	Warm/mild	Colorless	Clear	Observed	Observed	Observed		Observed	None	77	908	8.49	7.69	2.05
09/27/12	Clear/sunny	None	Light breeze	Warm/mild	Colorless	Clear	Observed	Observed	Observed		Observed	None	77.9	916	9.81	7.71	2.09
09/27/12	Clear/sunny	None	Calm	Warm/mild	Colorless	Clear	Observed	Observed	Observed		Observed	None	76.6	912	5.81	7.66	2.2
10/10/2012	Partly cloudy	None	Calm	Warm/mild	Green	Clear	Observed	Observed	Observed	Films	Observed	None	73	919	0.013	7.61	1.81
10/10/2012	Clear/sunny	None	Calm	Warm/mild	Green	Clear	Observed	Observed	Observed	Films	Observed	None	73.6	926	0.1	7.65	1.97
10/10/2012	Partly cloudy	Drizzle	Light breeze	Cool	Green	Clear	Observed	Observed	Observed	Films	Observed	None	72.1	993	6.11	7.69	2.5
10/24/2012	Clear/sunny	None	Gusty	Cool	Green	Clear	Observed	Observed	Observed		Observed	None	70.3	1005	6.99	7.69	2.61
10/24/2012	Clear/sunny	None	Gusty	Cool	Green	Clear	Observed	Observed	Observed		Observed	None	70.5	949	7.35	7.78	2.53
10/24/2012	Clear/sunny	None	Gusty	Cool	Green	Clear	Observed	Observed	Observed		Observed	None	69.3	887	7.81	7.78	2.68
							strict (BCMVC										
09/20/2012	Clear/sunny		Calm	Warm/mild			Observed	Observed			Not Observed	None	70.54	2936	25.7	7.28	1.94
09/20/2012	Clear/sunny		Calm	Warm/mild			Observed	Observed	Observed		Not Observed	None	73.45	2933	16.3	7.27	1.42
09/20/2012	Clear/sunny		v	Warm/mild			Observed	Observed	Observed		Not Observed	None	73.94	1699	17.2	7.29	2.2
09/20/2012	Clear/sunny		Calm	Warm/mild			Observed	Observed	Observed		Not Observed	None	86.52	934	12.6	7.13	5.68
09/20/2012	Clear/sunny		Calm	Warm/mild			Observed		Observed		Not Observed	None	85.42	971	21.8	7.03	5.81
09/20/2012	Clear/sunny		Calm	Warm/mild			Observed	Observed			Not Observed	None	82.87	466	122.4	7.84	4.27
09/20/2012	Clear/sunny		Calm	Warm/mild			Observed	Observed			Not Observed		83.39	812	50.1	7.22	2.69
09/20/2012	Clear/sunny		Calm	Warm/mild		Murky	Observed	Observed			Not Observed	None	79.99	662	41.2	7.23	2.58
09/20/2012	Clear/sunny		Calm	Warm/mild			Observed	Observed			Not Observed	None	80.73	355	48.9	7.28	2.96
09/20/2012			Calm					Observed			Not Observed	None		973		7.11	3.58
09/20/2012			Calm				Observed	Observed			Not Observed	None	76.24	964		7.15	3.39
09/20/2012	Clear/sunny		Calm	Warm/mild	Brown		Observed	Observed			Not Observed	None	76.32	462	15.5	7.06	6.02
09/24/2012	Clear/sunny		Light breeze				Observed	Observed			Not Observed	None	73.04	1347	8.7	7.22	5.05
09/24/2012	Clear/sunny		Light breeze				Observed	Observed			Not Observed	None	74.53	1282	8.7	7.23	4.37
09/24/2012	Clear/sunny		Calm	Warm/mild			Observed	Observed			Not Observed	None	78.75	1294	33.3	7.3	3.14
09/24/2012	Clear/sunny	None	Light breeze	Warm/mild	Brown	Murky	Observed	Observed	Observed		Not Observed	None	77.59	1212	18.6	7.14	11.6
09/24/2012	Clear/sunny	None	Light breeze	Warm/mild	Brown	Murky	Observed	Observed	Observed		Not Observed	None	80.8	1183	24.3	7.29	12.6
09/24/2012	Clear/sunny	None	Calm	Warm/mild	Brown	Murky	Observed	Observed	Observed		Not Observed	None	82.06	1101	52.8	7.33	2.33

			Application Info						MONI	ORING Info	ormation
Date of Application	Applicator	Location	Name of Water Body	Type of Water Body	Description	Type of pesticide	Product Name	Time of Monitoring	Monitoring Date	Time	Name(s) of personnel
		us/Bacillus thurigensis - Agr		Vector Control	District (LCVCD)						
07/09/2012		N 39° 8.855' W 122° 54.190'	Irwin's Rice	Open waterway		Larvicide	VectoMax CG	Background		2:31 pm	Terry Sanderson
07/09/2012	Terry Sanderson	N 39° 8.855' W 122° 54.190'	Irwin's Rice	Open waterway		Larvicide	VectoMax CG	Event	07/09/2012	9:35 am	Terry Sanderson
07/09/2012	Terry Sanderson	N 39° 8.855' W 122° 54.190'	Irwin's Rice	Open waterway		Larvicide	VectoMax CG	Post-Event	08/05/2012	7:25 pm	Terry Sanderson
07/09/2012	Terry Sanderson	N 39° 8.026' W 122° 53.632'	Reclamation Rice	Open waterway		Larvicide	VectoMax CG	Background	07/08/2012	2:51 pm	Terry Sanderson
07/09/2012	Terry Sanderson	N 39° 8.026' W 122° 53.632'	Reclamation Rice	Open waterway		Larvicide	VectoMax CG	Event	07/09/2012	10:03 am	Terry Sanderson
07/09/2012	Terry Sanderson	N 39° 8.026' W 122° 53.632'	Reclamation Rice	Open waterway		Larvicide	VectoMax CG	Post-Event	08/05/2012	7:38 pm	Terry Sanderson
08/06/2012	Terry Sanderson	N 39° 8.855' W 122° 54.190'	Irwin's Rice	Open waterway		Larvicide	VectoMax CG	Background	08/05/2012	7:25 pm	Terry Sanderson
08/06/2012	Terry Sanderson	N 39° 8.855' W 122° 54.190'	Irwin's Rice	Open waterway		Larvicide	VectoMax CG	Event	08/06/2012	3:36 pm	Terry Sanderson
08/06/2012	Terry Sanderson	N 39° 8.855' W 122° 54.190'	Irwin's Rice	Open waterway		Larvicide	VectoMax CG	Post-Event	09/06/2012	2:00 pm	Terry Sanderson
08/06/2012	Terry Sanderson	N 39° 8.026' W 122° 53.632'	Reclamation Rice	Open waterway		Larvicide	VectoMax CG	Background	08/05/2012	7:38 pm	Terry Sanderson
08/06/2012	Terry Sanderson	N 39° 8.026' W 122° 53.632'	Reclamation Rice	Open waterway		Larvicide	VectoMax CG	Event	08/06/2012	3:16 pm	Terry Sanderson
08/06/2012	Terry Sanderson	N 39° 8.026' W 122° 53.632'	Reclamation Rice	Open waterway		Larvicide	VectoMax CG	Post-Event	09/06/2012	2:18 pm	Terry Sanderson
08/06/2012	Terry Sanderson	N 39° 9.615' W 122° 56.202'	Tule Lake Rice	Open waterway		Larvicide	VectoMax CG	Background	08/05/2012	8:05 pm	Terry Sanderson
08/06/2012	Terry Sanderson	N 39° 9.615' W 122° 56.202'	Tule Lake Rice	Open waterway		Larvicide	VectoMax CG	Event	08/06/2012	4:03 pm	Terry Sanderson
08/06/2012	Terry Sanderson	N 39° 9.615' W 122° 56.202'	Tule Lake Rice	Open waterway		Larvicide	VectoMax CG	Post-Event	09/06/2012	2:35 pm	Terry Sanderson
08/06/2012	Terry Sanderson	N 39° 10.088' W 122° 56.872'	Grahm Pond Rice	Open waterway		Larvicide	VectoMax CG	Background	08/05/2012	8:12 pm	Terry Sanderson
08/06/2012	Terry Sanderson	N 39° 10.088' W 122° 56.872'	Grahm Pond Rice	Open waterway		Larvicide	VectoMax CG	Event	08/06/2012	4:18 pm	Terry Sanderson
08/06/2012	Terry Sanderson	N 39° 10.088' W 122° 56.872'	Grahm Pond Rice	Open waterway		Larvicide	VectoMax CG	Post-Event	09/06/2012	2:42 pm	Terry Sanderson
											-
	Bacillus sphaeric	cus/Bacillus thurigensis - Urb	an - San Joaquin Cou	nty Mosquito Ve	ctor Control Distr	ict (SJCM	VCD)				
04/30/2012	Greg Edwards	8-2N6E17-500-01	Caran Creek/Five Mile	Channel	not flowing 38 00'	Larvicide	Vectomax CG	Background	04/30/2012	8:25 AM	Dave Smith
04/30/2012	Greg Edwards	8-2N6E17-500-01	Caran Creek/Five Mile	Channel	not flowing 38 00'	Larvicide	Vectomax CG	Event	05/01/2012	8:05 AM	Dave Smith
04/30/2012	Greg Edwards	8-2N6E17-500-01	Caran Creek/Five Mile	Channel	not flowing 38 00'	Larvicide	Vectomax CG	Post-Event	05/07/2012	11:40 AM	Dave Smith
04/30/2012	Chris Hiers	8-2N6E16-500-01	Caran Creek/Five Mile	Channel	not flowing 38 00'	Larvicide	Vectomax CG	Background	04/30/2012	9:02 AM	Dave Smith
04/30/2012	Chris Hiers	8-2N6E16-500-01	Caran Creek/Five Mile	Channel	not flowing 38 00'	Larvicide	Vectomax CG	Event	05/01/2012	8:27 AM	Dave Smith
04/30/2012	Chris Hiers	8-2N6E16-500-01	Caran Creek/Five Mile	Channel	not flowing 38 00'	Larvicide	Vectomax CG	Post-Event	05/07/2012	12:39 PM	Dave Smith
	Bacillus sphaeric	cus/Bacillus thurigensis - Wet	land - San Joaquin Co	ounty Mosquito	Vector Control Dis	strict (SJC	MVCD)				
		15-2S6E17-004-01	Tom Paine Slough		not flowing 37 45'			Background	05/01/2012	2:28 PM	Dave Smith
		15-2S6E17-004-01	Tom Paine Slough		not flowing 37 45'			Event	05/01/2012	11:13 AM	Dave Smith
		15-2S6E17-004-01	Tom Paine Slough		not flowing 37 45'			Post-Event		8:28 AM	Dave Smith
			Weatherbee Lake		not flowing 37 46'			Background		2:10 PM	Dave Smith
		15-2S6E10-501-02	Weatherbee Lake	Channel	not flowing 37 46'			Event	05/01/2012	2:10 PM	Dave Smith
05/01/2012		15-2S6E10-501-02	Weatherbee Lake	Channel	not flowing 37 46'				05/08/2012	9:00 AM	Dave Smith
-		-			<u> </u>						

Date of Application Precipitation Wind Arr Temperature Conf. Water Color Water Color Water Color Funds Bottom Agusta Buttom Strate of the Surface Obs Precipitation District Water Color Water Color Precipitation District Water Color Precipitation District District Precipitation Precipita		W	eather Condition	ons					Visual	Observatio	ns				Field	Measureme	ents	
Image: Problem Image:		Overhead				Water Color		•	Bottom	Aquatic	Water	objectionable	Nuisance		Electrical condutivity	Dissolved oxygen		Turbidity
Bacillus sphaericus/Bacillus thurgensis - Agriculture - Lake County Vector Control District (LCVCD) Image: Control Control Control Control District (LCVCD) 07/09/2012 Clarafum?, None Lain Warm/mild Green Clear Observed District COVCD Not Observed <	Application	Conditions			Temperature		Clarity		Deposits	LIIE	Surface Oils	growths	Conditions	1	(EC)			(1)
07/08/2012 Claar/surry None Light breeze Warm/mild Green Clear Observed Films Not Observed None 72 365 22.8 7.28 1.72 07/08/2012 Clear/surry None Caim Warm/mild Group Observed Observed Not Observed Not Observed None 74.1 369 28.8 7.2 1.32 07/08/2012 Claar/surry None Caim Warm/mild Green Clear Observed Not Observed Not Observed None 66.18 35.2 7.2 7.2 7.2 07/08/2012 Clear/surry None Caim Warm/mild Brown Observed Noserved None 7.17 369 28.5 7.2 1.32 08/06/2012 Clear/surry None Caim Warm/mild Brown Clour/surry None 7.13 48.0 4.7 7.7 8.4.2 08/06/2012 Clear/surry None Caim None														(ºF)	(µS/cm)	(<i>mg/L</i>)	(units)	(NTU)
07/09/2012 Partly cloudy None Caim Warm/mild Green Clear Deserved Peserved Not Observed						-												
Gr/09/2012 Clear/surry None Carlow Warm/mild Colorises Clear Observed Not Observed Not Observed None 74.17 369 28.5 7 1.32 07/09/2012 Clear/surry None Calm Warm/mild Green Clear Observed Observed Not Observed None 68.95 604 31.8 7.17 0.69 07/09/2012 Clear/surry None Calm Warm/mild Green Observed Observed Not Observed None 7.17 89 2.3.7 7.2 2.8.2 62.0 08/06/2012 Clear/surry None Calm Warm/mild Color/surry None 7.1 389 2.3.7 7.2 8.2 64.0 2.3.7 7.2 8.2 64.0 Clear/surry None 7.13 490 45.1 7.7 8.4 2.0 64.0 1.3.3 490 45.1 7.7 8.2 64.0 60.0 60.0 60.0 60.0		,																
Or/10/2012 Clear/sump None Light breeze Warm/mild Green Clear Observed Not Observed None Constrainty Str.7 0.61 7.37 0.71 0.69 07/09/2012 Clear/sump None Calm Warm/mild Brown Cloudy Observed Observed Not Observed None 71.7 64.9 23.3 7.22 26.2 08/06/2012 Clear/sump None Light breeze Hot Coloriess Clear/Sump Observed Observed Not Observed None 71.7 36.9 23.3 7.22 26.2 08/06/2012 Clear/sump None Light breeze Hot Coloriess Clear/Sump None 71.8 43.2 3.7 7.2 26.2 08/06/2012 Clear/sump None Light breeze Hot Drown Cloudy Observed None 71.3 440 45.1 7.2 26.2 08/06/2012 Clear/sump None Clar/sump											Films							
07/09/2012 Clear/sump. None Calm Warm/mild Green Observed Observed Not Observed None 66.95 5.04 31.8 7.72 0.69 07/09/2012 Clear/sump. None Calm Warm/mild Color/bases Clear Observed Not Observed None 7.17 493 23.3 7.22 26.2 08/06/2012 Clear/sump. None Light breeze Hot Cloar/sump. Observed Observed Not Observed None 7.13 483 23.3 7.22 26.2 08/06/2012 Clear/sump. None Light breeze Hot Brow Cloudy Observed Observed Not Observed Not Observed Not Observed Not Observed Not Observed Not Observed None 7.13 480 43.3 7.24 6.2 08/06/2012 Clear/sump. None Clim Warm/mild Green Cloudy Observed Not Observed None 7.13 447 19.5 7.9 7.14 08/06/201						Colorless							None					
07/09/2012 Clear/sumny None Calim Warm/mild Grown Observed Observed Not Observed Not Observed None 71.78 493 2.3.3 7.22 25.2 08/06/2012 Clear/sumny None Light brezz Hot Colorless Clear Observed Observed Observed Not Observed None 71.78 493 23.3 7.22 25.2 08/06/2012 Clear/sumny None Light brezz Hot Observed Observed Observed Not Observed None 71.78 493 23.3 7.22 26.2 08/06/2012 Clear/sumny None Calim Warm/mild Brown Cloudy Observed Not Obser				0		Green												
Oak/06/2012 Clear/summy None Calm Warm/mild Coloriess Clear Observed Observed None Val 265 7 1.32 08/06/2012 Clear/summy None Light breeze Hot Brown Cloudy Observed Observed None 64.32 1420 4.3 7.57 84.2 08/06/2012 Clear/summy None Claid Warm/mild Brown Cloudy Observed Observed Note 7.18 493 23.3 7.22 26.2 08/06/2012 Clear/summy None Claid Warm/mild Green Cloudy Observed Not Observed Not Observed None 7.13 440 45.1 7.24 6.2 08/06/2012 Clear/summy None Claid Simm/mild Green Cloudy Observed Not Observed None 7.04 480 47.1 7.9 7.0 9.71 08/06/2012 Clear/summy None Claid					Warm/mild							Not Observed						
Biolog/2012 Clear/summy None Light breeze Hot Coloriess Clear Observed Observed None F0.23 368 13.4 7.07 2.19 08/06/2012 Clear/summy None Light breeze Hot Brown Cloudy Observed Observed Not Observed None 71.76 443 2.33 7.57 84.2 08/06/2012 Clear/summy None Light breeze Hot Dry Not Observed Not Observed None 71.78 480 45.1 7.24 6.2 08/06/2012 Clear/summy None Calm Hot Dry Not Observed Observed Not Observed None 71.78 440 43.7 7.9 71 08/06/2012 Clear/summy None Calm Hot Dry Not Observed None 70.4 43.2 7.04 8.9 8.9 8.6 9.7 7.7 9.71 08/06/2012 Clear/summy None Calm<		Clear/sunny	None		Warm/mild	Brown	Cloudy	Observed	Observed	Observed		Not Observed	None			23.3		
08/06/2012 Clear/sunny None Light breeze Hot Brown Cloudy Observed Observed None F1.78 493 23.3 7.22 26.2 08/06/2012 Clear/sunny None Light breeze Hot Brown Cloudy Observed Observed Not Observed None 71.78 493 23.3 7.22 26.2 08/06/2012 Clear/sunny None Calm Hot Dry Not Observed Not Observed None 71.78 493 23.3 7.22 26.2 08/06/2012 Clear/sunny None Calm Warn/mild Green Cloudy Observed Observed None 71.78 49.3 7.67 8.42 08/06/2012 Clear/sunny None Calm Hot Dry Not Observed Observed Note None 71.33 447 19.5 7.9 9.1 08/06/2012 Clear/sunny None Gaim Fiot Brow Cloudy<		Clear/sunny	None	Calm	Warm/mild	Colorless	Clear	Observed	Observed	Observed		Not Observed	None		369	28.5	-	
OB/06/2012 Clear/summy None Calm Warm/mild Brown Cloudy Observed Observed Not Observed Not Observed None 71.78 493 23.3 7.22 26.2 08/06/2012 Clear/summy None Calm Hot Dry Not Observed Not Observed None 71.33 480 45.1 7.24 6.2 08/06/2012 Clear/summy None Calm Hot Dry Not Observed Observed Observed Not Observed None 7.21 442 23 7.04 8.99 08/06/2012 Clear/sumny None Calm Hot Dry Not Observed Observed Diserved None None 7.21 442 23 7.04 8.99 08/06/2012 Clear/sumny None Calm Hot Dry Not Observed Observed Not Observed None 7.23 47.8 7.28 7.8 08/06/2012 Clear/sumny None <t< td=""><td>08/06/2012</td><td>Clear/sunny</td><td>None</td><td>Light breeze</td><td>Hot</td><td>Colorless</td><td>Clear</td><td>Observed</td><td>Observed</td><td>Observed</td><td></td><td>Not Observed</td><td>None</td><td>70.23</td><td>368</td><td>13.4</td><td>7.07</td><td></td></t<>	08/06/2012	Clear/sunny	None	Light breeze	Hot	Colorless	Clear	Observed	Observed	Observed		Not Observed	None	70.23	368	13.4	7.07	
OB/06/2012 Clear/summy None Light breeze Hot Brown Cloudy Observed Not Observed Not Observed None 71.33 480 45.1 7.24 6.2 08/06/2012 Clear/summy None Claim Hot Dry Not Observed Not Observed Not Observed Not Observed Not Observed None 7.2.01 442 2.3 7.0.4 8.99 08/06/2012 Clear/summy None Light breeze Hot Green Cloudy Observed Observed Films Not Observed None 7.0 9.71 08/06/2012 Clear/sumny None Calm Warm/mild Colorless Cloudy Observed Observed Not Observed None 69.33 766 26.8 6.97 3.73 08/06/2012 Clear/sumny None Gastry Hot Cloudy Observed Observed Not Observed None 65.89 782 21.8 6.99 2.31 08/06	08/06/2012	Clear/sunny	None	Light breeze	Hot	Brown	Cloudy	Observed	Observed	Observed		Not Observed	None	64.32	1420	4.3	7.57	84.2
OB/06/2012 Clear/sumy None Caim Hot Dry Not Observed Not Observed Not Observed None 72.01 442 23 7.04 8.99 08/06/2012 Clear/sumny None Caim Warm/mild Green Cloudy Observed Observed Not Observed None 71.1 442 23 7.04 8.99 08/06/2012 Clear/sunny None Caim Hot Dry Not Observed Not Observed None 71.3 447 19.5 7 9.71 08/06/2012 Clear/sunny None Caim Warm/mild Cloudy Observed Not Observed Not Observed None 69.93 796 26.8 6.97 3.73 08/06/2012 Clear/sunny None Light breeze Hot Colorless Cloudy Observed Observed Not Observed None 63.21 126 0.10 6.09 3.52 04/30/2012 Clear/sunny Caim Cool<	08/06/2012	Clear/sunny	None	Calm	Warm/mild	Brown	Cloudy	Observed	Observed	Observed		Not Observed	None	71.78	493	23.3	7.22	26.2
OB/06/2012 Clear/sunny None Calm Hot Dry Not Observed Not Observed Not Observed None Calm Hot Dry Not Observed Not Observed Films Not Observed None Zond 442 23 7.04 8.99 08/06/2012 Clear/sunny None Calm Hot Dry Not Observed Observed Films Not Observed None 7.04 8.99 08/06/2012 Clear/sunny None Calm Hot Dry Not Observed Not Observed Not Observed Not Observed None 6.93 7.94 8.99 08/06/2012 Clear/sunny None Gusty Hot Colorless Cloudy Observed Observed Not Observed Not Observed Not Observed None 65.89 7.82 2.18 6.89 2.31 08/06/2012 Clear/sunny Calm Cool Colorless Cloudy Observed Observed Not Observed Not Observed Not	08/06/2012	Clear/sunny	None	Light breeze	Hot	Brown	Cloudy	Observed	Observed	Observed		Not Observed	None	71.33	480	45.1	7.24	6.2
08/06/2012 Clear/sunny None Calm Warm/mild Green Cloudy Observed Observed Not Observed None 7.01 442 23 7.04 8.99 08/06/2012 Clear/sunny None Light breeze Hot Green Cloudy Observed Observed Not Observed None 7.13 447 19.5 7 9.71 08/06/2012 Clear/sunny None Calm Warm/mild Colortess Cloudy Observed Observed Not Observed None 69.93 796 26.8 6.97 3.73 08/06/2012 Clear/sunny None Light breeze Hot Cloudy Observed Observed Not Observed None 68.93 766 26.8 6.97 3.73 08/06/2012 Clear/sunny None Light breeze Hot Cloudy Observed Observed Not Observed None 75.61 1013 7.8 7.28 19.8 04/30/201	08/06/2012		None	Calm	Hot	Dry		Not Observed	Not Observ	Not Obser		Not Observed	None					
08/06/2012 Clear/sunny None Light breeze Hot Green Cloudy Observed Observed Not Observed None 71.33 447 19.5 7 9.71 08/06/2012 Clear/sunny None Calm Hot Dry Not Observed Not Observed Not Observed Not Observed None 69.93 766 26.8 6.97 3.73 08/06/2012 Clear/sunny None Light breeze Hot Colorless Cloudy Observed Observed Not Observed None 65.89 782 21.8 6.89 2.31 08/06/2012 Clear/sunny None Light breeze Hot Colorless Cloudy Observed Observed Not Observed None 75.61 1013 7.8 7.28 19.8 04/30/2012 Clear/sunny Calm Cool Colorless Clear Observed Observed Not Observed Not Observed Not Observed Adverwed 63.21 126 0.0 0.352 04/30/2012 Clear/sunny Calm Cool Brown </td <td>08/06/2012</td> <td>Clear/sunny</td> <td>None</td> <td>Calm</td> <td>Warm/mild</td> <td></td> <td>Cloudy</td> <td>Observed</td> <td>Observed</td> <td>Observed</td> <td>Films</td> <td>Not Observed</td> <td>None</td> <td>72.01</td> <td>442</td> <td>23</td> <td>7.04</td> <td>8.99</td>	08/06/2012	Clear/sunny	None	Calm	Warm/mild		Cloudy	Observed	Observed	Observed	Films	Not Observed	None	72.01	442	23	7.04	8.99
OB/06/2012 Clear/sunny None Calm Hot Dry Not Observed Not Observed Not Observed None Calm Warm/mild Cloudy Observed Observed Not Observed None 69.93 796 26.8 6.97 3.73 08/06/2012 Clear/sunny None Gusty Hot Colorless Cloudy Observed Observed Not Observed None 65.89 782 21.8 6.97 3.73 08/06/2012 Clear/sunny None Light breeze Hot Brown Cloudy Observed Observed Not Observed None 75.61 1013 7.8 7.28 19.8 04/30/2012 Clear/sunny Calm Cool Colorless Clear Observed Observed Not Observed Not Observed duckweed 63.04 144 0.40 5.93 2.76 04/30/2012 Clear/sunny Calm Cool Brown Clear Observed Observed Not Observed <t< td=""><td>08/06/2012</td><td>Clear/sunny</td><td>None</td><td>Light breeze</td><td>Hot</td><td>Green</td><td>Cloudy</td><td>Observed</td><td>Observed</td><td>Observed</td><td>Films</td><td>Not Observed</td><td>None</td><td>71.33</td><td>447</td><td>19.5</td><td>7</td><td>9.71</td></t<>	08/06/2012	Clear/sunny	None	Light breeze	Hot	Green	Cloudy	Observed	Observed	Observed	Films	Not Observed	None	71.33	447	19.5	7	9.71
08/06/2012 Clear/sunny None Calm Warm/mild Colorless Cloudy Observed Observed Not Observed None 69.93 796 26.8 6.97 3.73 08/06/2012 Clear/sunny None Gusty Hot Cloudy Observed Observed Not Observed Not Observed None 65.89 782 21.8 6.89 2.31 08/06/2012 Clear/sunny None Light breeze Hot Brown Cloudy Observed Observed Not Observed Not Observed None 75.61 1013 7.8 7.28 19.8 04/30/2012 Clear/sunny Calm Cool Colorless Clear Observed Observed Not Observed Mot Observed 63.21 126 0.10 6.32 176 04/30/2012 Clear/sunny Calm Cool Clourless Clear Observed Observed Not Observed Not Observed 63.43 2.59 5.29 6.56 1.88				v			,						None					
08/06/2012 Clear/sunny None Gusty Hot Colorless Cloudy Observed Observed Not Observed None 65.89 782 21.8 6.89 2.31 08/06/2012 Clear/sunny None Light breeze Hot Brown Cloudy Observed Observed Observed Not Observed None 75.61 1013 7.8 7.28 19.8 04/30/2012 Clear/sunny Calm Cool Colorless Clear Observed Observed Observed Not Observed duckweed 63.24 126 0.10 6.00 3.52 04/30/2012 Clear/sunny Calm Cool Colorless Clear Observed Observed Not Observed Not Observed 63.04 154 0.40 6.93 2.76 04/30/2012 Clear/sunny Calm Cool Solerved Observed Observed Not Observed Not Observed 63.43 259 5.29 6.56 1.88 04/30/2012 Clear/sunny Calm Cool Brown Clear Observed	08/06/2012		None	Calm	Warm/mild	Colorless	Cloudy	Observed	Observed	Observed		Not Observed	None	69.93	796	26.8	6.97	3.73
08/06/2012 Clear/sunny None Light breeze Hot Brown Cloudy Observed Observed Observed Not Observed None 75.61 1013 7.8 7.28 19.8 04/30/2012 Clear/sunny Calm Cool Colorless Clear Observed Observed Not Observed Not Observed 63.21 126 0.10 6.00 3.52 04/30/2012 Clear/sunny Calm Cool Colorless Clear Observed Observed Not Observed Not Observed 63.41 154 0.40 5.93 2.76 04/30/2012 Clear/sunny Calm Cool Colorless Clear Observed Observed Not Observed Not Observed duckweed 63.43 259 5.29 6.56 1.88 04/30/2012 Clear/sunny Calm Cool Brown Clear Observed Observed Not Observed Not Observed duckweed 63.72 83 2.31 6.37 37.4 04/30/2012 Clear/sunny Calm Cool Brown Clear <td></td> <td></td> <td>None</td> <td>Gusty</td> <td>Hot</td> <td>Colorless</td> <td>Cloudy</td> <td>Observed</td> <td>Observed</td> <td>Observed</td> <td></td> <td>Not Observed</td> <td>None</td> <td>65.89</td> <td>782</td> <td>21.8</td> <td></td> <td>2.31</td>			None	Gusty	Hot	Colorless	Cloudy	Observed	Observed	Observed		Not Observed	None	65.89	782	21.8		2.31
Bacillus sphaericus/Bacillus thurigensis - Urban - San Joaquin County Mosquito Vector Control District (SJCMVCD) Not Observed duckweed 63.21 126 0.0 04/30/2012 Clear/sunny Calm Cool Clorless Clear Observed Observed Not Observed duckweed 63.04 154 0.40 5.93 2.76 04/30/2012 Clear/sunny Calm Cool Clorless Clear Observed Observed Not Observed duckweed 63.04 154 0.40 5.93 2.76 04/30/2012 Clear/sunny Calm Cool Brown Clear Observed Observed Not Observed duckweed 63.43 259 5.29 6.56 1.88 04/30/2012 Clear/sunny Calm Cool Brown Clear Observed Observed Not Observed duckweed 63.72 83 2.31 6.37 37.4 04/30/2012 Clear/sunny Calm Cool Brown Clear Observed Observed Not Observed Motweed 61.96 83 2.07 6.38 2.10																		
04/30/2012Clear/sunnyCalmCoolColorlessClearObservedObservedNot Observedduckweed63.211260.106.003.5204/30/2012Clear/sunnyCalmCoolColorlessClearObservedObservedObservedNot Observedduckweed63.041540.405.932.7604/30/2012Clear/sunnyCalmWarm/mildColorlessClearObservedObservedObservedNot Observedduckweed63.432595.296.561.8804/30/2012Clear/sunnyCalmCoolBrownClearObservedObservedNot ObservedMot Observedduckweed63.72832.316.3737.404/30/2012Clear/sunnyCalmCoolBrownClearObservedObservedNot ObservedNot Observedduckweed61.96832.076.382.1004/30/2012Clear/sunnyCalmWarm/mildBrownClearObservedObservedObservedObservedMot Observedduckweed61.96832.076.382.1004/30/2012Clear/sunnyCalmWarm/mildBrownClearObservedObservedObservedObservedMot Observedduckweed61.96832.076.382.1004/30/2012Clear/sunnyCalmWarm/mildBrownClearObservedObservedObservedObservedObservedMot Obs		,					, in the second se											
04/30/2012Clear/sunnyCalmCoolColorlessClearObservedObservedNot Observedduckweed63.211260.106.003.5204/30/2012Clear/sunnyCalmCoolColorlessClearObservedObservedObservedNot Observedduckweed63.041540.405.932.7604/30/2012Clear/sunnyCalmWarm/mildColorlessClearObservedObservedObservedNot Observedduckweed63.432595.296.561.8804/30/2012Clear/sunnyCalmCoolBrownClearObservedObservedNot ObservedMot Observedduckweed63.72832.316.3737.404/30/2012Clear/sunnyCalmCoolBrownClearObservedObservedNot ObservedNot Observedduckweed61.96832.076.382.1004/30/2012Clear/sunnyCalmWarm/mildBrownClearObservedObservedObservedObservedMot Observedduckweed61.96832.076.382.1004/30/2012Clear/sunnyCalmWarm/mildBrownClearObservedObservedObservedObservedMot Observedduckweed61.96832.076.382.1004/30/2012Clear/sunnyCalmWarm/mildBrownClearObservedObservedObservedObservedObservedMot Obs		Bacillus sph	aericus/Bacill	us thuriaensi	s - Urban - Sa	n Joaquin C	ountv M	osquito Vector	Control Di	istrict (SJC	MVCD)							
04/30/2012 Clear/sunny Calm Cool Colorless Clear Observed Observed Not Observed duckweed 63.04 154 0.40 5.93 2.76 04/30/2012 Clear/sunny Calm Warm/mild Colorless Clear Observed Observed Not Observed Mot Observed duckweed 63.04 154 0.40 5.93 2.76 04/30/2012 Clear/sunny Calm Cool Brown Clear Observed Observed Not Observed Mot Observed duckweed 63.72 83 2.31 6.37 37.4 04/30/2012 Clear/sunny Calm Cool Brown Clear Observed Observed Observed Not Observed duckweed 63.72 83 2.31 6.37 37.4 04/30/2012 Clear/sunny Calm Warm/mild Brown Clear Observed Observed Observed Observed Observed Mot Observed duckweed 63.72 83 2.07 6.38 2.10 04/30/2012 Clear/sunny Calm Warm/	04/30/2012											Not Observed	duckweed	63.21	126	0.10	6.00	3.52
04/30/2012 Clear/sunny Calm Warm/mild Colorless Clear Observed Observed Not Observed duckweed 63.43 259 5.29 6.56 1.88 04/30/2012 Clear/sunny Calm Cool Brown Clear Observed Not Observed Not Observed duckweed 63.72 83 2.31 6.37 37.4 04/30/2012 Clear/sunny Calm Cool Brown Clear Observed Observed Observed Not Observed duckweed 61.96 83 2.07 6.38 2.10 04/30/2012 Clear/sunny Calm Warm/mild Brown Clear Observed Observed Observed Observed duckweed 65.35 101 1.84 6.45 15.2 Marine file Static colspan="4">Static colspan="4">Static colspan="4">Static colspan="4">Static colspan="4">Static colspan="4">Clear Observed Observed Observed Observed Observed Markweed 63.43 259 5.29 6.56 1.88 04/30/2012 Clear/sunny Calm Cool Observed<																		
04/30/2012 Clear/sunny Calm Cool Brown Clear Observed Not Observed Not Observed duckweed 63.72 83 2.31 6.37 37.4 04/30/2012 Clear/sunny Calm Cool Brown Clear Observed Observed Observed Not Observed duckweed 61.96 83 2.07 6.38 2.10 04/30/2012 Clear/sunny Calm Warm/mild Brown Clear Observed Observed Observed Observed Observed duckweed 63.72 83 2.31 6.37 37.4 04/30/2012 Clear/sunny Calm Warm/mild Brown Clear Observed Observed Observed Observed Mot Observed duckweed 65.35 101 1.84 6.45 15.2 05/01/2012 Clear/sunny Gusty Warm/mild Brown Cloudy Observed Observed Observed Sheen Observed duckweed, 63.20 2688 3.41 7.29 20.60 05/01/2012 Clear/sunny Gusty																		
04/30/2012Clear/sunnyCalmCoolBrownClearObservedObservedNot Observedduckweed61.96832.076.382.1004/30/2012Clear/sunnyCalmWarn/mildBrownClearObservedObservedObservedObservedduckweed65.351011.846.4515.2Bacillus sphaericus/Bacillus thurigensis - Wetland - San Joaquin County Mosquito Vector Control District (SJCMVCD)cc																		
04/30/2012Clear/sunnyCalmWarm/mildBrownClearObservedObservedObservedObservedduckweed65.351011.846.4515.2Bacillus sphaericus/Bacillus thurigensis - Wetland - San Joaquin County Mosquito Vector ControlDistrict (SJCMVCD)Image: Clear/sunnyClearSan Joaquin CountyMosquito Vector ControlDistrict (SJCMVCD)Image: Clear/sunnyClearSa.417.2920.605/01/2012Clear/sunnyGustyWarm/mildBrownCloudyObservedObservedObservedSheenObservedduckweed,63.2023011.757.2026.005/01/2012Clear/sunnyGustyWarm/mildBrownCloudyObservedObservedObservedObservedObservedduckweed,63.4916900.717.187.3905/01/2012Clear/sunnyLight breezeWarm/mildBrownCloudyObservedObservedObservedSheenObserveddead cattail70.335690.496.828.5305/01/2012Clear/sunnyLight breezeWarm/mildBrownCloudyObservedObservedSheenObserveddead cattail70.335690.496.828.5305/01/2012Clear/sunnyLight breezeWarm/mildBrownCloudyObservedObservedSheenObserveddead cattail60.625451.256.8913.9		,																
Image: Normal and						-												
05/01/2012Clear/sunnyGustyWarm/mildBrownCloudyObservedObservedSheenObservedduckweed,65.9326883.417.2920.605/01/2012Clear/sunnyGustyWarm/mildBrownCloudyObservedObservedObservedSheenObservedduckweed,63.2023011.757.2026.005/01/2012Clear/sunnyCalmCoolColorlessClearObservedObservedObservedObservedduckweed,63.4916900.717.187.3905/01/2012Clear/sunnyLight breezeWarm/mildBrownCloudyObservedObservedObservedSheenObserveddead cattail70.335690.496.828.5305/01/2012Clear/sunnyLight breezeWarm/mildBrownCloudyObservedObservedSheenObserveddead cattail70.335690.496.828.5305/01/2012Clear/sunnyLight breezeWarm/mildBrownCloudyObservedObservedSheenObserveddead cattail60.625451.256.8913.9																		
05/01/2012Clear/sunnyGustyWarm/mildBrownCloudyObservedObservedSheenObservedduckweed,65.9326883.417.2920.605/01/2012Clear/sunnyGustyWarm/mildBrownCloudyObservedObservedObservedSheenObservedduckweed,63.2023011.757.2026.005/01/2012Clear/sunnyCalmCoolColorlessClearObservedObservedObservedObservedduckweed,63.4916900.717.187.3905/01/2012Clear/sunnyLight breezeWarm/mildBrownCloudyObservedObservedObservedSheenObserveddead cattail70.335690.496.828.5305/01/2012Clear/sunnyLight breezeWarm/mildBrownCloudyObservedObservedSheenObserveddead cattail70.335690.496.828.5305/01/2012Clear/sunnyLight breezeWarm/mildBrownCloudyObservedObservedSheenObserveddead cattail60.625451.256.8913.9		Bacillus sph	aericus/Bacilli	us thurigensi	s - Wetland - S	San Joaquin	County	Mosquito Vect	or Control	District (S.								
05/01/2012Clear/sunnyGustyWarm/mildBrownCloudyObservedObservedObservedSheenObservedduckweed,63.2023011.757.2026.005/01/2012Clear/sunnyCalmCoolColorlessClearObservedObservedObservedObservedduckweed,63.4916900.717.187.3905/01/2012Clear/sunnyLight breezeWarm/mildBrownCloudyObservedObservedObservedSheenObserveddead cattail70.335690.496.828.5305/01/2012Clear/sunnyLight breezeWarm/mildBrownCloudyObservedObservedSheenObservedObserveddead cattail60.625451.256.8913.9	05/01/2012				· · · · · · · · · · · · · · · · · · ·				1			Observed	duckweed	65.93	2688	3.41	7.29	20.6
05/01/2012Clear/sunnyCalmCoolColorlessClearObservedObservedObservedObservedduckweed,63.4916900.717.187.3905/01/2012Clear/sunnyLight breezeWarm/mildBrownCloudyObservedObservedObservedSheenObserveddead cattail70.335690.496.828.5305/01/2012Clear/sunnyLight breezeWarm/mildBrownCloudyObservedObservedSheenObserveddead cattail60.625451.256.8913.9		,		,			,											
05/01/2012Clear/sunnyLight breezeWarm/mildBrownCloudyObservedObservedSheenObserveddead cattail70.335690.496.828.5305/01/2012Clear/sunnyLight breezeWarm/mildBrownCloudyObservedObservedObservedSheenObserveddead cattail6.625451.256.8913.9		,					,											
05/01/2012 Clear/sunny Light breeze Warm/mild Brown Cloudy Observed Observed Observed Sheen Observed dead cattail 60.62 545 1.25 6.89 13.9											Sheen							
				V			,											
			_	-														
	00/01/2012					0001033	Cicuuy		00001000	00001000				01.01	002	2.07	5.10	52.1

		1	Application Info				1		MONI	CORING Info	ormation
Date of Application	Applicator	Location	Name of Water Body	Type of Water Body	Description	Type of pesticide	Product Name	Time of Monitoring	Monitoring Date	Time	Name(s) of personnel
								_			
7/04/0040		griculture - Shasta Mosquito V							7/04/0040	4.400	
7/24/2012	Mike Alexander	40.403985, -122.215621		Channel			Methoprene	Background		1400	Albright, Bastien, And
7/24/2012	Mike Alexander	40.403985, -122.215621	Cottonwood Creek	Channel			Methoprene	Event	7/24/2012	1420	Bastien, Angel-Adkin
7/24/2012	Mike Alexander	40.403985, -122.215621	Cottonwood Creek	Channel			Methoprene	Post-Event	8/27/2012	1047	Bastien, Angel-Adkin
7/25/2012	Mike Alexander	40.40072000, -122.25072200	Cottonwood Creek	Channel			Methoprene		7/25/2012	1010	Bastien, Angel-Adkin
7/25/2012	Mike Alexander	40.40072000, -122.25072200	Cottonwood Creek	Channel			Methoprene	Event	7/25/2012	1045	Bastien, Angel-Adkin
7/25/2012	Mike Alexander	40.40072000, -122.25072200	Cottonwood Creek	Channel			Methoprene	Post-Event	8/27/2012	1020	Bastien, Angel-Adkin
7/26/2012	Corey Boyer	40.37801400, -122.30659500	Cottonwood Creek	Channel			Methoprene	v		1030	Bastien, Angel-Adkin
7/26/2012	Corey Boyer	40.37801400, -122.30659500	Cottonwood Creek	Channel			Methoprene	Event	7/26/2012	1050	Bastien, Angel-Adkin
7/26/2012	Corey Boyer	40.37801400, -122.30659500	Cottonwood Creek	Channel			Methoprene	Post-Event	9/4/2012	1050	Bastien, Angel-Adkin
7/26/2012	Corey Boyer	40.37676300, -122.30758200	Cottonwood Creek	Channel			Methoprene			1100	Bastien, Angel-Adkin
7/26/2012	Corey Boyer	40.37676300, -122.30758200	Cottonwood Creek	Channel			Methoprene	Event	7/26/2012	1110	Bastien, Angel-Adking
7/26/2012	Corey Boyer	40.37676300, -122.30758200	Cottonwood Creek	Channel		Larvicide	Methoprene	Post-Event	9/4/2012	1030	Bastien, Angel-Adking
7/26/2012	Corey Boyer	40.37851200, -122.30817800	Cottonwood Creek	Channel		Larvicide	Methoprene	Background	7/26/2012	1120	Bastien, Angel-Adking
7/26/2012	Corey Boyer	40.37851200, -122.30817800	Cottonwood Creek	Channel		Larvicide	Methoprene	Event	7/26/2012	1130	Bastien, Angel-Adkin
7/26/2012	Corey Boyer	40.37851200, -122.30817800	Cottonwood Creek	Channel		Larvicide	Methoprene	Post-Event	9/4/2012	1020	Bastien, Angel-Adkin
8/15/2012	Tim Mickela	40.49415700, -122.3156600	Churn Creek	Channel		Larvicide	Methoprene	Background	8/15/2012	1120	Bastien, Angel-Adking
8/15/2012	Tim Mickela	40.49415700, -122.3156600	Churn Creek	Channel		Larvicide	Methoprene	Event	8/15/2012	1130	Bastien, Angel-Adkin
8/15/2012	Tim Mickela	40.49415700, -122.3156600	Churn Creek	Channel		Larvicide	Methoprene	Post-Event	9/14/2012	1330	Bastien, Angel-Adkin
	Methoprene - U	ban - Greater Los Angeles Co	unty Vector Control Di	istrict (GLACVCE))						
9/20/2012	D. Lopez	1338	Bixby Marsh	Pond		Larvicide	Altosid SBG	Background	9/20/2012	8:55 AM	S. Kluh
9/20/2012	D. Lopez	1338	Bixby Marsh	Pond			Altosid SBG	Event	9/20/2012	9:10 AM	S. Kluh
9/20/2012	D. Lopez	1338	-	Pond			Altosid SBG	Post-Event	10/2/2012	8:15 AM	S. Kluh
10/2/2012	D. Lopez	1338		Pond			Altosid SBG	Background	10/2/2012	8:15 AM	S. Kluh
10/2/2012	D. Lopez	1338	,	Pond			Altosid SBG	Event	10/2/2012		S. Kluh
10/2/2012	D. Lopez	1338	1	Pond			Altosid SBG	Post-Event	10/16/2012	8:05 AM	S. Kluh
10/16/2012	D. Lopez	1338	,	Pond			Altosid SBG	Background	10/16/2012	8:05 AM	S. Kluh
10/16/2012	D. Lopez	1338	,	Pond			Altosid SBG	Event	10/16/2012	8:30 AM	S. Kluh
	D. Lopez	1338	1	Pond			Altosid SBG		10/26/2012		H.Morales, T. Posey
	D. Lopez	1770	Bixby Golf Course Pon				Altosid SBG	Background			H.Morales, T. Posey
	D. Lopez	1770	Bixby Golf Course Pon				Altosid SBG	Event	10/26/2012		H.Morales, T. Posey
	D. Lopez	1770	Bixby Golf Course Pon				Altosid SBG		11/8/2012	8:55 AM	H.Morales, T. Posey
	D. Lopez	1338	1	Pond			Altosid SBG	Background		9:55 AM	H.Morales, T. Posey
	D. Lopez	1338		Pond			Altosid SBG	Event	10/26/2012		H.Morales, T. Posey
	D. Lopez	1338	,	Pond			Altosid SBG		11/8/2012	9:31 AM	H.Morales, T. Posey
11/8/2012		1338	-	Pond			Altosid SBG	Background		9:31 AM	H.Morales, T. Posey
	D. Lopez		-								
	D Long		Rivby March	Dond							
11/8/2012 11/8/2012	D. Lopez D. Lopez	1338 1338	,	Pond Pond			Altosid SBG Altosid SBG	Event	11/8/2012 11/21/2012	9:59 AM 9:25 AM	H.Morales, T. Posey H.Morales, T. Posey

Date of Application Precipitation Precipitation Application Precipitation Application Precipitation Precipitatititititititititititititititititit		W	eather Conditi	ons					Visual	Observatio	ns				Field	Measureme	ents	
Methogram Andream			Precipitation	Wind		Water Color						objectionable	Nuisance		condutivity	oxygen	рН	Turbidit
Methogenee Agriculture Shasta Mosquito Vector Control District (SMVCD) Not Observed Not Observed None Total 121 28 6.98 7724/2012 Clear/sumny None Calin Hot Coloriess Murky Observed Observed None 74.12 121 28 6.98 7724/2012 Clear/sumny None Calin Warm/mild Coloriess Murky Observed Observed None None 65.48 270 7.6 6.52 7725/2012 Clear/sumny None Calin Warm/mild Coloriess Murky Observed Observed None None 6.54 202 7.2 6.94 7725/2012 Clear/sumny None Calin Warm/mild Green Clear Observed Observed None 6.812 202 7.2 6.94 7725/2012 Clear/sumny None Calin Warm/mild Green Clear None 0bserved None 6.94 </td <td></td> <td>growino</td> <td>Contaitionio</td> <td>(°F)</td> <td>i i i</td> <td>i i i</td> <td>(units)</td> <td>(NTU)</td>												growino	Contaitionio	(°F)	i i i	i i i	(units)	(NTU)
Tr242012 Claar/sumy None Calm Hot Coloriess Murky Disserved Observed None 73.04 121 242 26.88 T724/2012 Clear/sumy None Calm Warr/Mild Coloriess Murky Disserved Observed None 644 270 7.6 6.52 T725/2012 Clear/sumy None Calm Warr/Mild Coloriess Murky Observed Observed None 65.12 280 4.4 6.54 T725/2012 Clear/sumy None Calm Warr/Mild Green Clear Observed None 65.12 280 4.6 6.4 T725/2012 Clear/sumy None Calm Warr/Mild Green Clear Observed None 65.12 203 4.6 6.94 T725/2012 Clear/sumy None Calm Warr/Mild Green Not Observed None 7.74 241 17.2 143 6.83		Methoprene	- Agriculture -	Shasta Mose	uito Vector C	Control Distri	ct (SMV	CD)							(((unite)	(
T724/2012 Clear/sumy None Caim Hott Colserved Observed None None 74.12 121 26.2 6.89 T724/2012 Clear/sumy None Caim Warn/mild Colorless Murky Observed Observed None Note 65.48 270 7.6 6.52 T725/2012 Clear/sumy None Caim Warn/mild Colorless Murky Observed Observed None None 6.74 20.7 7.6 6.75 T725/2012 Clear/sumy None Caim Warn/mild Green Observed Observed None None 8.74 20.7 7.2 6.94 T726/2012 Clear/sumy None Caim Warn/mild Green Clear Observed None None 6.74 2.25 1.4 6.83 T726/2012 Clear/sumy None Caim Marm/mild Green Clear No10serered None None <t< td=""><td>7/24/2012</td><td></td><td></td><td>1</td><td></td><td></td><td></td><td></td><td>Observed</td><td>Observed</td><td></td><td>Not Observed</td><td>None</td><td>73.04</td><td>121</td><td>26</td><td>6.98</td><td>14.1</td></t<>	7/24/2012			1					Observed	Observed		Not Observed	None	73.04	121	26	6.98	14.1
T/24/2012 Clear/survery None Calm Warm/mild Colorless Murky Observed None None 56 130 B1.9 7.43 725/2012 Clear/survery None Calm Warm/mild Colorless Murky Observed None No10 biserved None 65.42 200 4.4 6.54 725/2012 Clear/survery None Calm Warm/mild Colorless Murky Observed None None 65.42 202 7.2 6.94 726/2012 Clear/survery None Calm Warm/mild Green Observed Observed None 65.42 202 7.2 6.94 726/2012 Clear/survery None Calm Warm/mild Green Observed None 0bserved None 7.54 2.22 14.3 6.83 726/2012 Clear/survery None Calm Marm/mild Colorless Clear No10bservered None 7.54							,				None							13.6
TZ:52012 Clear/sumy None Calim Warm/mild Colorless Murky Observed Nose None 65.12 270 7.6 6.52 T725/2012 Clear/sumy None Calim Warm/mild Colorless Murky Observed Noserved None 65.12 200 4.4 6.54 T725/2012 Clear/sumy None Calim Warm/mild Grean Clear Observed None None 68.54 200 7.6 6.512 200 4.4 6.54 T725/2012 Clear/sumy None Calim Warm/mild Grean Clear Observed None Observed None 68.54 200 7.6 6.512 T7262012 Clear/sumy None Calim Warm/mild Grean Clear Not Observed None 7.6 7.6 6.512 2.32 1.42 1.52 1.72 T7262012 Clear/sumy None Calim Marm/mild Gr		· · · ·			Warm/mild	Colorless	,	Observed				Not Observed		59	130			3.47
Clas/sump None Calm Warm/mild Colorises Murky Observed Observed None None 65.12 200 4.4 6.54 7252012 Claar/sump None Calm Warm/mild Green Clear Observed None None 65.12 203 4.6 6.77 7262012 Claar/sump None Calm Warm/mild Green Clear Observed Observed None Doserved None 6.87 203 4.6 6.94 7262012 Claar/sump None Calm Warm/mild Clear Observed Observed None 7.96 1.83 4.7 7 7262012 Claar/sump None Calm Warm/mild Cloar Observed None None None 7.94 2.41 1.7 6.76 7262012 Claar/sump None Calm Warm/mild Green Clear Not Observed None None 7.412 241	7/25/2012	Clear/sunny	None	Calm	Warm/mild	Colorless	Murky	Observed	Observed	Observed	None		None	65.48	270	7.6	6.52	3.87
Clear/sump None Calm Warm/mild Green Clear Observed None Observed None Observed None Observed None Observed None Observed None Observed Observed Observed Observed None None Calm Warm/mild Grean Clear Not Observed None None Calm Warm/mild Grean Clear Not Observed None None Calm Var 7.2 </td <td>7/25/2012</td> <td>Clear/sunny</td> <td>None</td> <td>Calm</td> <td>Warm/mild</td> <td>Colorless</td> <td>Murky</td> <td></td> <td>Observed</td> <td>Observed</td> <td>None</td> <td>Not Observed</td> <td>None</td> <td>65.12</td> <td>290</td> <td>4.4</td> <td>6.54</td> <td>3.17</td>	7/25/2012	Clear/sunny	None	Calm	Warm/mild	Colorless	Murky		Observed	Observed	None	Not Observed	None	65.12	290	4.4	6.54	3.17
Tracescriptic Clear summy None Calm Warm/mild Green Clear Observed Observed None Construct Observed None Construct Observed None Construct State State <td>7/25/2012</td> <td>Clear/sunny</td> <td>None</td> <td>Calm</td> <td>Warm/mild</td> <td>Colorless</td> <td>Murky</td> <td>Observed</td> <td>Observed</td> <td>Observed</td> <td>None</td> <td>Not Observed</td> <td>None</td> <td>59.18</td> <td>115</td> <td>50.7</td> <td>6.77</td> <td>0.67</td>	7/25/2012	Clear/sunny	None	Calm	Warm/mild	Colorless	Murky	Observed	Observed	Observed	None	Not Observed	None	59.18	115	50.7	6.77	0.67
Tze/2012 Hazy None Caim Warm/mild Green Clear Observed None Observed None District 198 4.7 7 726/2012 Clear/sumny None Calm Cool Colorless Clear Not Observed None 75.42 224 117 6.78 7/26/2012 Clear/sumny None Caim Warm/mild Green Clear Not Observed None Not Observed None Not Observed None 74.12 242 6.92 6.93 7.32 74.22 6.92 7.44 815/2012 Clear/sumny None Calm Hot Green Clear Not Observed None Observed None 58.28 113 85.4 7.44 815/2012 Clear/sumny None Calm Hot Green Clear Observed None	7/26/2012	Clear/sunny	None	Calm	Warm/mild	Green	Clear	Observed	Observed	Observed	None	Observed	None	68.54	202	7.2	6.94	1.5
Trace Calm Cool Colorless Clear Not Observed Not Observed None 75.92 225 143 6.83 7268/2012 Clear/sumy None Calm Colorless Clear Not Observed None None 75.74 224 117 6.73 7262/2012 Clear/sumy None Calm Warm/mild Gene Clear Not Observed None None 75.14 224 182.2 6.82 7266/2012 Clear/sumy None Calm Warm/mild Green Clear Not Observed None None 75.02 224 95.7 6.92 7266/2012 Hazy None Laight type Warm/mild Colorless Clear Not Observed None None 58.28 113 85.4 7.64 8/15/2012 Clear/sumy None Calm Hot Green Clear Not Observed None 71.78 116 92.6 6.6 6	7/26/2012	Clear/sunny	None	Calm	Warm/mild	Green	Clear	Observed	Observed	Observed	None	Observed	None	68.72	203	4.6	6.94	2.11
T/265/2012 Clear/summy None Calm Colorless Clear Not Observed None None 75.74 224 117 6.78 7/26/2012 Hazy None Calm Warm/mild Green Clear Not Observed None Not Observed None 7.04 2.91 69.1 7.22 7/26/2012 Clear/summy None Calm Warm/mild Green Clear Not Observed None Not Observed None Not Observed None 7.62 2.42 9.5.7 6.99 7/26/2012 Clear/summy None Calm Hot Green Clear Not Doserved None Not Observed None 58.28 111 8.4 7.64 8/15/2012 Clear/summy None Calm Hot Green Clear Not Observed None 58.28 111 8.4 7.4 8/15/2012 Clear/summy None Calm Grad Doserved Nobserved No	7/26/2012	Hazy	None	Calm	Warm/mild	Green	Clear	Observed	Observed	Observed	None	Observed	None	71.96	189	4.7	7	2.06
T26E/2012 Hazy None Calm Warm/mild Colores Clear Not Observed None None 7.3.0.4 219 69.1 7.2.2 7268/2012 Clear/sunny None Calm Warm/mild Green Clear Not Observed None Not Observed None None 7.5.02 242 95.7 6.99 7262/2012 Hazy None Light Interez Warm/mild Green Clear Observed Observed None None 58.20 154.4 85.2 7.34 8/15/2012 Clear/sunny None Calm Hot Green Clear Observed Observed None Observed None 58.28 111 81.8 7.42 8/15/2012 Clear/sunny None Calm Hot Green Clear Observed None Observed None 71.4 116.9 2.6 6.9 9/20/2012 Clear/sunny None Calm Col <t< td=""><td>7/26/2012</td><td>Clear/sunny</td><td>None</td><td>Calm</td><td>Cool</td><td>Colorless</td><td>Clear</td><td>Not Observed</td><td>Not Observ</td><td>Observed</td><td>Slick</td><td>Observed</td><td>None</td><td>75.92</td><td>225</td><td>143</td><td>6.83</td><td>1.94</td></t<>	7/26/2012	Clear/sunny	None	Calm	Cool	Colorless	Clear	Not Observed	Not Observ	Observed	Slick	Observed	None	75.92	225	143	6.83	1.94
T/26/2012 Clear/sunny None Clain Warry/mild Green Clear Not Observed None Not Observed None 74.12 241 82.2 6.92 7/26/2012 Clear/sunny None Light brezz Warry/mild Green Clear Not Observed None Not Observed None None 58.820 154 56.5 7.34 8/15/2012 Clear/sunny None Calm Hot Green Clear Observed Observed None 58.28 111 81.4 7.42 8/15/2012 Clear/sunny None Calm Hot Green Clear Not Observed None Observed None 71.78 116 92.6 6.6 9/20/2012 Clear/sunny None Calm Cool Colortess Clear Not Observed Not Observed None 71.6 1130.00 1.41 7.34 9/20/2012 Clear/sunny None Calm Warry/mild Colortess	7/26/2012	Clear/sunny	None	Calm	Cool	Colorless	Clear	Not Observed	Not Observ	Observed	Slick	Observed	None	75.74	224	117	6.78	1.8
T/26/2012 Clear/summy None Clam Warm/mild Green Clear Not Observed None None 75.02 24.2 95.7 6.99 7/26/2012 Hazy None Calm Hot Green Clear Not Observed None Status 55.4 56.5 7.34 8/15/2012 Clear/sumny None Calm Hot Green Clear Observed Observed None Observed None Status 11.1 81.8 7.42 8/15/2012 Clear/sumny None Calm Hot Green Clear Observed Observed None Observed None 7.8 16 92.6 6.6 9/20/2012 Clear/sumny None Calm Cool Coloriess Clear Not Observed Not Observed Not Observed None 7.1.6 11.39.00 1.41 7.34 9/20/2012 Clear/sumny None Calm Warm/mild Coloriess Clear </td <td>7/26/2012</td> <td>Hazy</td> <td>None</td> <td>Calm</td> <td>Warm/mild</td> <td>Colorless</td> <td>Clear</td> <td>Not Observed</td> <td>Not Observ</td> <td>Observed</td> <td>None</td> <td>Not Observed</td> <td>None</td> <td>73.04</td> <td>219</td> <td>69.1</td> <td>7.22</td> <td>1.05</td>	7/26/2012	Hazy	None	Calm	Warm/mild	Colorless	Clear	Not Observed	Not Observ	Observed	None	Not Observed	None	73.04	219	69.1	7.22	1.05
T/26/2012 Hazy None Light breeze Warm/mild Coloriess Clear None None S8 820 154 56.5 7.34 8/15/2012 Clear/sunny None Calm Hot Green Clear Observed None Observed None S8 28 113 85.4 7.64 8/15/2012 Clear/sunny None Calm Hot Green Clear Observed Observed None Observed None 58.28 111 81.8 7.42 8/15/2012 Clear/sunny None Calm Hot Green Clear Not Observed Observed None 71.78 116 92.6 6.6 Wethorene - Urban - Greater Los Angeles County Vector Control District (GLACVCD) Vector None 71.4 11.4 7.3.4 9/20/2012 Clear/sunny None Calm Cool Coloriess Clear Observed Not Observed None 71.6 113.90 1.41 7.3.4 <tr< td=""><td>7/26/2012</td><td>Clear/sunny</td><td>None</td><td>Calm</td><td>Warm/mild</td><td>Green</td><td>Clear</td><td>Not Observed</td><td>Not Observ</td><td>Observed</td><td>None</td><td>Not Observed</td><td>None</td><td>74.12</td><td>241</td><td>82.2</td><td>6.92</td><td>0.91</td></tr<>	7/26/2012	Clear/sunny	None	Calm	Warm/mild	Green	Clear	Not Observed	Not Observ	Observed	None	Not Observed	None	74.12	241	82.2	6.92	0.91
8/15/2012 Clear/sunny None Caim Hot Green Clear Observed Observed None Observed None S8.28 113 85.4 7.64 8/15/2012 Clear/sunny None Calm Hot Green Clear Observed Observed Observed None 58.28 111 81.8 7.42 8/15/2012 Clear/sunny None Caim Hot Green Clear Not Observed Observed None Observed None 7.82 11.8 81.8 7.42 8/15/2012 Clear/sunny None Calm Cool Colorless Clear Observed Not Observed Not Observed None 7.2 113.00 1.41 7.34 9/20/2012 Clear/sunny None Calm Warm/mild Colorless Clear Observed Not Observed Not Observed None 7.7 121.30 2.51 7.56 10/2/2012 Clear/sunny None	7/26/2012	Clear/sunny	None	Calm	Warm/mild	Green	Clear	Not Observed	Not Observ	Observed	None	Not Observed	None	75.02	242	95.7	6.99	1.37
8/15/2012 Clear/sunny None Calm Hot Green Clear Observed Observed None Observed None Observed None S8.28 111 81.8 7.42 8/15/2012 Clear/sunny None Calm Hot Green Clear Not Observed Observed Observed None Observed None 71.78 116 92.6 6.6 9/20/2012 Clear/sunny None Calm Cool Colorless Clear Not Observed Not Observed Not Observed Not Observed Not Observed None 72 1135.00 1.41 7.34 9/20/2012 Clear/sunny None Calm Warm/mild Colorless Clear Observed Not Observed Not Observed Not Observed Not Observed Not Observed None 70.7 1213.00 2.51 7.28 10/2/2012 Clear/sunny None Calm Warm/mild Colorless Clear Observed Not Observed </td <td>7/26/2012</td> <td>Hazy</td> <td>None</td> <td>Light breeze</td> <td>Warm/mild</td> <td>Colorless</td> <td>Clear</td> <td>Not Observed</td> <td>Observed</td> <td>Observed</td> <td>None</td> <td>Not Observed</td> <td>None</td> <td>58.820</td> <td>154</td> <td>56.5</td> <td>7.34</td> <td>1.32</td>	7/26/2012	Hazy	None	Light breeze	Warm/mild	Colorless	Clear	Not Observed	Observed	Observed	None	Not Observed	None	58.820	154	56.5	7.34	1.32
8/15/2012 Clear/sunny None Caim Hot Green Clear Not Observed Observed None Observed None Observed None Clear/sunny None Claim Solution	8/15/2012	Clear/sunny	None	Calm	Hot	Green	Clear	Observed	Observed	Observed	None	Observed	None	58.28	113	85.4	7.64	8.1
Methoprene - Urban - Greater Los Angeles County Vector Control District (GLACVCD) Methoprene - Urban - Greater Los Angeles County Vector Control District (GLACVCD) Not Observed Not Observed Not Observed None 72 1135.00 1.41 7.34 9/20/2012 Clear/sunny None Calm Cool Colorless Clear Observed Not Observed Not Observed Not Observed Not Observed None 71.6 1139.00 1.43 7.34 9/20/2012 Clear/sunny None Calm Warm/mild Colorless Clear Observed Not Observed Not Observed None 70.7 1213.00 2.51 7.28 10/2/2012 Clear/sunny None Calm Warm/mild Colorless Clear Observed Not Observed Not Observed Not Observed Not Observed None 74.9 1529.00 2.15 7.56 10/2/2012 Overcast Foggy Calm Warm/mild Colorless Clear Observed Not Observed Not Observed Not Observed None	8/15/2012	Clear/sunny	None	Calm	Hot	Green	Clear	Observed	Observed	Observed	None	Observed	None	58.28	111	81.8	7.42	4.2
9/20/2012Clear/sunnyNoneCalmCoolColorlessClearObservedNot ObservedNot ObservedNot ObservedNone721135.001.417.349/20/2012Clear/sunnyNoneCalmColorlessClearObservedNot ObservedNot ObservedNone7.61139.001.437.349/20/2012Clear/sunnyNoneCalmWarm/mildColorlessClearObservedNot ObservedNot ObservedNone70.71213.002.517.2810/2/2012Clear/sunnyNoneCalmWarm/mildColorlessClearObservedNot ObservedNot ObservedNone74.91529.002.517.5610/2/2012OvercastFoggyCalmWarm/mildColorlessClearObservedNot ObservedNot ObservedNone68.21349.001.987.510/16/2012OvercastFoggyCalmWarm/mildColorlessClearObservedNot ObservedNot ObservedNone68.21349.001.987.510/16/2012OvercastFoggyCalmWarm/mildColorlessClearObservedNot ObservedNot ObservedNone68.21349.001.987.510/16/2012OvercastFoggyCalmWarm/mildColorlessClearObservedNot ObservedNot ObservedNone66.51835.000.387.6710/26/2012Clear/sunnyNone	8/15/2012	Clear/sunny	None	Calm	Hot	Green	Clear	Not Observed	Observed	Observed	None	Observed	None	71.78	116	92.6	6.6	0.75
9/20/2012Clear/sunnyNoneCalmCoolColorlessClearObservedNot Obsen/ObservedNot ObservedNone71.61139.001.437.349/20/2012Clear/sunnyNoneCalmWarm/mildColorlessClearObservedNot ObservedNone70.71213.002.517.2810/2/2012Clear/sunnyNoneCalmWarm/mildColorlessClearObservedNot ObservedNone70.71213.002.517.2810/2/2012Clear/sunnyNoneCalmWarm/mildColorlessClearObservedNot ObservedNone74.91529.002.157.5610/2/2012OvercastFoggyCalmWarm/mildColorlessClearObservedNot ObservedNot ObservedNone68.21349.001.987.510/16/2012OvercastFoggyCalmWarm/mildColorlessClearObservedNot ObservedNot ObservedNone68.21349.001.987.510/16/2012OvercastFoggyCalmWarm/mildColorlessClearObservedNot ObservedNot ObservedNone68.21349.001.987.510/16/2012Clear/sunnyNoneGustyWarm/mildColorlessClearObservedNot ObservedNot ObservedNone66.51835.001.987.610/26/2012Clear/sunnyNoneGustyWarm/mildColorless		Methoprene -		ter Los Ange	eles County Vo	ector Control		t (GLACVCD)										
9/20/2012Clear/sunnyNoneCalmWarm/mildColorlessClearObservedNot ObservedNot ObservedNone70.71213.002.517.2810/2/2012Clear/sunnyNoneCalmWarm/mildColorlessClearObservedNot ObservedNot ObservedNone70.71213.002.517.2810/2/2012Clear/sunnyNoneCalmWarm/mildColorlessClearObservedNot ObservedNot ObservedNone74.9152.9002.157.5610/2/2012OvercastFoggyCalmWarm/mildColorlessClearObservedNot ObservedNot ObservedNone68.21349.001.987.510/16/2012OvercastFoggyCalmWarm/mildColorlessClearObservedNot ObservedNot ObservedNone68.21349.001.987.510/16/2012OvercastFoggyCalmWarm/mildColorlessClearObservedNot ObservedNot ObservedNone68.31351.001.957.4610/16/2012Clear/sunnyNoneGustyWarm/mildColorlessClearNot ObservedNot ObservedNot ObservedNone66.51835.000.387.6710/26/2012Clear/sunnyNoneGustyWarm/mildBrownMurkyNot ObservedNot ObservedNot ObservedNone66.1847.000.247.1510/26/2012Clear/sunn		Clear/sunny							Not Observ	Observed								6.83
10/2/2012Clear/sunnyNoneCalmWarm/mildColorlessClearObservedNot ObservedNot ObservedNone70.71213.002.517.2810/2/2012Clear/sunnyNoneCalmWarm/mildColorlessClearObservedNot ObservedNot ObservedNone74.91529.002.157.5610/2/2012OvercastFoggyCalmWarm/mildColorlessClearObservedNot ObservedNot ObservedNone68.21349.001.987.510/16/2012OvercastFoggyCalmWarm/mildColorlessClearObservedNot ObservedNot ObservedNone68.21349.001.987.510/16/2012OvercastFoggyCalmWarm/mildColorlessClearObservedNot ObservedNot ObservedNone68.21349.001.987.510/16/2012Clear/sunnyNoneGustyWarm/mildColorlessClearObservedNot ObservedNot ObservedNone68.31351.001.987.6710/26/2012Clear/sunnyNoneGustyWarm/mildColorlessClearNot ObservedNot ObservedNot ObservedNot ObservedNot ObservedNone66.51835.000.387.6710/26/2012Clear/sunnyNoneGustyWarm/mildBrownMurkyNot ObservedNot ObservedNot ObservedNot ObservedNot ObservedNot Observed <td< td=""><td></td><td>Clear/sunny</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>6.83</td></td<>		Clear/sunny																6.83
10/2/2012Clear/sunnyNoneCalmWarm/mildColorlessClearObservedNot ObservedNot ObservedNone74,91529.002.157.5610/2/2012OvercastFoggyCalmWarm/mildColorlessClearObservedNot ObservedNot ObservedNone68.21349.001.987.510/16/2012OvercastFoggyCalmWarm/mildColorlessClearObservedNot ObservedNot ObservedNone68.21349.001.987.510/16/2012OvercastFoggyCalmWarm/mildColorlessClearObservedNot ObservedNot ObservedNone68.21349.001.987.510/16/2012Clear/sunnyNoneGustyWarm/mildColorlessClearObservedNot ObservedNot ObservedNone66.51835.000.387.4610/26/2012Clear/sunnyNoneGustyWarm/mildBrownMurkyNot ObservedNot ObservedNot ObservedNot ObservedNone66.51835.000.387.110/26/2012Clear/sunnyNoneGustyWarm/mildColorlessClearNot ObservedNot ObservedNot ObservedNone66.51835.000.387.6710/26/2012Clear/sunnyNoneGustyWarm/mildColorlessClearNot ObservedNot ObservedNot ObservedNone66.51835.000.387.671		Clear/sunny																1.99
10/2/2012OvercastFoggyCalmWarm/mildColorlessClearObservedNot ObservedNot ObservedNone68.21349.001.987.510/16/2012OvercastFoggyCalmWarm/mildColorlessClearObservedNot ObservedNot ObservedNone68.21349.001.987.510/16/2012OvercastFoggyCalmWarm/mildColorlessClearObservedNot ObservedNot ObservedNone68.21349.001.987.510/16/2012Clear/sunnyNoneGustyWarm/mildColorlessClearObservedNot ObservedNot ObservedNone68.31351.001.957.4610/16/2012Clear/sunnyNoneGustyWarm/mildColorlessClearNot ObservedNot ObservedNot ObservedNone66.51835.000.387.6710/26/2012Clear/sunnyNoneGustyWarm/mildBrownMurkyNot ObservedNot Observed <td></td> <td>Clear/sunny</td> <td></td> <td>1.99</td>		Clear/sunny																1.99
10/16/2012OvercastFoggyCalmWarm/mildColorlessClearObservedNot ObservedNot ObservedNone68.21349.001.987.510/16/2012OvercastFoggyCalmWarm/mildColorlessClearObservedNot ObservedNot ObservedNone68.31351.001.957.4610/16/2012Clear/sunnyNoneGustyWarm/mildColorlessClearNot ObservedNot ObservedNot ObservedNone66.51835.000.387.6710/26/2012Clear/sunnyNoneGustyWarm/mildBrownMurkyNot ObservedNot ObservedNot ObservedNone66.51835.000.387.6710/26/2012Clear/sunnyNoneGustyWarm/mildBrownMurkyNot ObservedNot ObservedNot ObservedNone66.1847.000.247.1510/26/2012Clear/sunnyNoneGustyWarm/mildColorlessClearNot ObservedNot ObservedNot ObservedNot ObservedNone66.1847.000.247.1510/26/2012OvercastNoneGustyWarm/mildColorlessClearNot ObservedNot ObservedNot ObservedNone66.51835.000.387.6710/26/2012Clear/sunnyNoneGustyWarm/mildColorlessClearNot ObservedNot ObservedNot ObservedNone66.51835.000.387.67 </td <td></td> <td>Clear/sunny</td> <td>None</td> <td></td> <td>0.84</td>		Clear/sunny	None															0.84
10/16/2012OvercastFoggyCalmWarm/mildColorlessClearObservedNot ObservedNot ObservedNone68.31351.001.957.4610/16/2012Clear/sunnyNoneGustyWarm/mildColorlessClearNot ObservedNot ObservedNot ObservedNone66.51835.000.387.6710/26/2012Clear/sunnyNoneGustyWarm/mildBrownMurkyNot ObservedNot ObservedNot ObservedNone66.1841.000.317.110/26/2012Clear/sunnyNoneGustyWarm/mildBrownMurkyNot ObservedNot ObservedNot ObservedNot ObservedNone66.1847.000.247.1510/26/2012OvercastNoneGustyWarm/mildColorlessClearNot ObservedNot ObservedNot ObservedNot ObservedNot ObservedNot ObservedNone66.1847.000.247.1510/26/2012OvercastNoneGustyWarm/mildColorlessClearNot ObservedNot ObservedNot ObservedNot ObservedNot ObservedNot ObservedNone66.51835.000.387.6710/26/2012Clear/sunnyNoneGustyWarm/mildColorlessClearNot ObservedNot ObservedNot ObservedNone66.51835.000.387.6710/26/2012Clear/sunnyNoneGustyWarm/mildColorlessClear		Overcast			Warm/mild			Observed										4.65
10/16/2012Clear/sunnyNoneGustyWarm/mildColorlessClearNot ObservedNot ObservedNot ObservedNot ObservedNone66.51835.000.387.6710/26/2012Clear/sunnyNoneGustyWarm/mildBrownMurkyNot ObservedNot ObservedNot ObservedNot ObservedNone66.51835.000.387.6710/26/2012Clear/sunnyNoneGustyWarm/mildBrownMurkyNot ObservedNot ObservedNot ObservedNot ObservedNone66.1841.000.317.110/26/2012Clear/sunnyNoneCalmCoolBrownMurkyNot ObservedNot ObservedNot ObservedNot ObservedNot ObservedNone66.1847.000.247.1510/26/2012OvercastNoneGustyWarm/mildColorlessClearNot ObservedNot ObservedNot ObservedNot ObservedNot ObservedNot ObservedNot ObservedNot ObservedNone66.51835.000.387.6710/26/2012Clear/sunnyNoneGustyWarm/mildColorlessClearNot ObservedNot Obs		Overcast	Foggy					Observed										4.65
10/26/2012Clear/sunnyNoneGustyWarm/mildBrownMurkyNot ObservedNot ObservedNot ObservedNot ObservedNone66841.000.317.110/26/2012Clear/sunnyNoneGustyWarm/mildBrownMurkyNot ObservedNot ObservedNot ObservedNot ObservedNone66.1847.000.247.1510/26/2012OvercastNoneCalmCoolBrownMurkyNot ObservedNot ObservedSlickNot ObservedDuck weed67.4759.004.26.9310/26/2012Clear/sunnyNoneGustyWarm/mildColorlessClearNot ObservedNot ObservedNot ObservedNone66.51835.000.387.6710/26/2012Clear/sunnyNoneGustyWarm/mildColorlessClearNot ObservedNot ObservedNot ObservedNone66.51835.000.247.6810/26/2012Clear/sunnyNoneGustyWarm/mildColorlessClearNot ObservedNot ObservedNot ObservedNone661912.000.247.6810/26/2012OvercastNoneCalmCoolColorlessClearNot ObservedNot ObservedNot ObservedNone691157.002.017.5511/8/2012OvercastNoneCalmCoolColorlessClearNot ObservedNot ObservedNot ObservedNone691152.002.45																		4.98
10/26/2012Clear/sunnyNoneGustyWarm/mildBrownMurkyNot ObservedNot ObservedNot ObservedNone66.1847.000.247.1510/26/2012OvercastNoneCalmCoolBrownMurkyNot ObservedNot ObservedSlickNot ObservedDuck weed67.4759.004.26.9310/26/2012Clear/sunnyNoneGustyWarm/mildColorlessClearNot ObservedNot ObservedNot ObservedNot ObservedNone66.51835.000.387.6710/26/2012Clear/sunnyNoneGustyWarm/mildColorlessClearNot ObservedNot ObservedNot ObservedNone66.11912.000.247.6810/26/2012OvercastNoneCalmCoolColorlessClearNot ObservedNot ObservedNot ObservedNone691157.002.017.5511/8/2012OvercastNoneCalmCoolColorlessClearNot ObservedNot ObservedNot ObservedNone691157.002.017.5511/8/2012OvercastNoneCalmCoolColorlessClearNot ObservedNot ObservedNot ObservedNone691152.002.457.61																		0.96
10/26/2012OvercastNoneCalmCoolBrownMurkyNot ObservedNot ObservedSlickNot ObservedDuck weed67.4759.004.26.9310/26/2012Clear/sunnyNoneGustyWarm/mildColorlessClearNot ObservedNot ObservedNot ObservedNone66.51835.000.387.6710/26/2012Clear/sunnyNoneGustyWarm/mildColorlessClearNot ObservedNot ObservedNot ObservedNone66.51835.000.247.6810/26/2012OvercastNoneCalmCoolColorlessClearNot ObservedNot ObservedNot ObservedNot ObservedNone661912.000.247.6810/26/2012OvercastNoneCalmCoolColorlessClearNot ObservedNot ObservedNot ObservedNone691157.002.017.5511/8/2012OvercastNoneCalmCoolColorlessClearNot ObservedNot ObservedNot ObservedNone691157.002.457.6111/8/2012OvercastNoneCalmCoolColorlessClearNot ObservedNot ObservedNot ObservedNone691152.002.457.61		-																2.49
10/26/2012Clear/sunnyNoneGustyWarm/mildColorlessClearNot ObservedNot ObservedNot ObservedNone66.51835.000.387.6710/26/2012Clear/sunnyNoneGustyWarm/mildColorlessClearNot ObservedNot ObservedNot ObservedNot ObservedNone661912.000.247.6810/26/2012OvercastNoneCalmCoolColorlessClearNot ObservedNot ObservedNot ObservedNone691157.002.017.5511/8/2012OvercastNoneCalmCoolColorlessClearNot ObservedNot ObservedNot ObservedNot ObservedNone691157.002.017.5511/8/2012OvercastNoneCalmCoolColorlessClearNot ObservedNot ObservedNot ObservedNone691157.002.017.5511/8/2012OvercastNoneCalmCoolColorlessClearNot ObservedNot ObservedNot ObservedNot ObservedNone691157.002.017.5511/8/2012OvercastNoneCalmCoolColorlessClearNot ObservedNot ObservedNot ObservedNot ObservedNone691152.002.457.61		· · · ·					,											2.16
10/26/2012Clear/sunnyNoneGustyWarm/mildColorlessClearNot ObservedNot ObservedNot ObservedNone661912.000.247.6810/26/2012OvercastNoneCalmCoolColorlessClearNot ObservedNot ObservedNot ObservedNot ObservedNone691157.002.017.5511/8/2012OvercastNoneCalmCoolColorlessClearNot ObservedNot ObservedNot ObservedNot ObservedNone691157.002.017.5511/8/2012OvercastNoneCalmCoolColorlessClearNot ObservedNot ObservedNot ObservedNot ObservedNone691157.002.017.5511/8/2012OvercastNoneCalmCoolColorlessClearNot ObservedNot ObservedNot ObservedNot ObservedNone691152.002.457.61							,				Slick							2.9
10/26/2012OvercastNoneCalmCoolColorlessClearNot ObservedNot ObservedNot ObservedNone691157.002.017.5511/8/2012OvercastNoneCalmCoolColorlessClearNot ObservedNot ObservedNot ObservedNot ObservedNone691157.002.017.5511/8/2012OvercastNoneCalmCoolColorlessClearNot ObservedNot ObservedNot ObservedNot ObservedNone691152.002.457.61																		0.96
11/8/2012OvercastNoneCalmCoolColorlessClearNot ObservedNot ObservedNot ObservedNone691157.002.017.5511/8/2012OvercastNoneCalmCoolColorlessClearNot ObservedNot ObservedNot ObservedNot ObservedNone691157.002.457.61		· · · ·		,														0.92
11/8/2012 Overcast None Calm Cool Colorless Clear Not Observed Not Observed Observed Not Observed Not Observed None 69 1152.00 2.45 7.61		-																13
		-																13
11/8/2012 Overcast None Calm Cool Colorless Clear Not Observed Not Observed Not Observed None 68.1 1143.00 2.15 7.64		-																13.2
	11/8/2012	Overcast	None	Calm	Cool	Colorless	Clear	Not Observed	Not Observ	Observed		Not Observed	None	68.1	1143.00	2.15	7.64	0.88

			Application Info		-	-			MONIT	ORING Info	ormation
Date of Application	Applicator	Location	Name of Water Body	Type of Water Body	Description	Type of pesticide	Product Name	Time of Monitoring	Monitoring Date	Time	Name(s) of personnel
		tlands - Napa County Mosqui								A 40	
01/19/2012	Chris Azevedo	Buchli Station Rd, Napa	Fresh water pond @ B		wetlands		Altosid Pellets	Background		9:42 am	Ann Donohue
01/19/2012	Chris Azevedo	Buchli Station Rd, Napa	Fresh water pond @ B		wetlands		Altosid Pellets	Event	01/19/2012	9:53 am	Ann Donohue
01/19/2012	Chris Azevedo	Buchli Station Rd, Napa	Fresh water pond @ B		wetlands		Altosid Pellets		02/17/12	1:10 pm	Ann Donohue
03/21/2012	Chris Azevedo	Buchli Station Rd, Napa	Fresh water pond @ B		wetlands		Altosid Pellets	Background		10:00 am	Ann Donohue
03/21/2012	Chris Azevedo	Buchli Station Rd, Napa	Fresh water pond @ B		wetlands		Altosid Pellets	Event	03/21/2012	11:00 am	Ann Donohue
03/21/2012	Chris Azevedo	Buchli Station Rd, Napa	Fresh water pond @ B		wetlands		Altosid Pellets		04/11/12	11:15 am	Ann Donohue
04/11/2012	Chris Azevedo	Buchli Station Rd, Napa	Fresh Water Pond @ E		Wetlands		Altosid Pellets	Background		10:30 am	Ann Donohue
04/11/2012	Chris Azevedo	Buchli Station Rd, Napa	Fresh Water Pond @ E				Altosid Pellets	Event	04/11/2012	12:00 pm	Ann Donohue
04/11/2012	Chris Azevedo		Fresh Water Pond @ E		Wetlands		Altosid Pellets		05/02/2012		Ann Donohue
06/05/2012	Chris Azevedo		Fresh Water Pond @ E		Wetlands		Altosid Pellets	Background		10:00 am	Ann Donohue
06/05/2012	Chris Azevedo	Buchli Station Rd, Napa	Fresh Water Pond @ E				Altosid Pellets	Event	06/05/2012		Ann Donohue
06/05/2012		Buchli Station Rd, Napa	Fresh Water Pond @ E				Altosid Pellets	Post-Event		1:00 pm	Ann Donohue
07/26/2012	Chris Azevedo	Buchli Station Rd, Napa	Fresh Water Pond @ E		Wetlands		Altosid Pellets	Background		9:00 am	Ann Donohue
07/26/2012	Chris Azevedo	Buchli Station Rd, Napa	Fresh Water Pond @ E		Wetlands		Altosid Pellets	Event	07/26/2012	3:00 pm	Ann Donohue
07/26/2012	Chris Azevedo	Buchli Station Rd, Napa	Fresh Water Pond @ E		Wetlands		Altosid Pellets	Post-Event	08/17/2012	1:26 pm	Ann Donohue
10/19/2012	Chris Azevedo	Buchli Station Rd, Napa	Fresh Water Pond @ E		Wetlands		Altosid Pellets	Background		9:10 am	Ann Donohue
10/19/2012	Chris Azevedo	Buchli Station Rd, Napa	Fresh Water Pond @ E		Wetlands		Altosid Pellets	Event	10/19/2012	11:03 pm	Ann Donohue
10/19/2012	Chris Azevedo	Buchli Station Rd, Napa	Fresh Water Pond @ E	Pond	Wetlands	Larvicide	Altosid Pellets	Post-Event	11/09/2012	11:59 am	Ann Donohue
	Detrolour Distill	atao Agricultura Can loogu		lantar Control D							
04/10/2012		ates - Agriculture - San Joaqu 2-4N6E12-013-01					B)/A 2 Magguita Lanvisida Oil	Deekaround	04/10/2012	8:45 AM	Dave Smith
04/10/2012			Jahant Slough	Channel	5		BVA 2 Mosquito Larvicide Oil	Ŭ.	04/10/2012		
04/10/2012		2-4N6E12-013-01	Jahant Slough	Channel			BVA 2 Mosquito Larvicide Oil	Event	04/11/2012	8:32 AM	Dave Smith
04/10/2012	Fred Mortenson	2-4N6E12-013-01	Jahant Slough	Channel	-		BVA 2 Mosquito Larvicide Oil		04/17/2012	9:05 AM	Dave Smith
04/10/2012	Chris Hiers	1-4N7E13-011-05	Gill Creek	Channel	-		BVA 2 Mosquito Larvicide Oil	Background		10:10 AM	Dave Smith
04/10/2012	Chris Hiers	1-4N7E13-011-05	Gill Creek	Channel	-		BVA 2 Mosquito Larvicide Oil	Event	04/11/2012	9:45 AM	Dave Smith
04/10/2012	Chris Hiers	1-4N7E13-011-05	Gill Creek	Channel			BVA 2 Mosquito Larvicide Oil		04/17/2012	10:00 AM	Dave Smith
04/12/2012	Morgan Bennett	12-1S9E20-014-03	Avena Drain	Channel			BVA 2 Mosquito Larvicide Oil	Background		1:37 PM	Dave Smith
04/12/2012		12-1S9E20-014-03	Avena Drain	Channel			BVA 2 Mosquito Larvicide Oil	Event	04/12/2012		Dave Smith
04/12/2012		12-1S9E20-014-03	Avena Drain	Channel			BVA 2 Mosquito Larvicide Oil	Post-Event			Dave Smith
04/24/2012	Scott Andres		Mormon Slough	Channel			BVA 2 Mosquito Larvicide Oil	Background			Dave Smith
04/24/2012	Scott Andres		Mormon Slough	Channel			BVA 2 Mosquito Larvicide Oil	Event	04/24/2012		Scott Andres
04/24/2012	Scott Andres	10-1N7E08-003-01	Mormon Slough	Channel			BVA 2 Mosquito Larvicide Oil		05/01/2012	2:02 PM	Scott Andres
05/07/2012		11-1N8E-26	Little John Creek	Channel	not flowing 37 55'			Background		2:33 PM	Dave Smith
05/07/2012		11-1N8E-26	Little John Creek	Channel	not flowing 37 55'			Event	05/08/2012		Dave Smith
05/07/2012		11-1N8E-26	Little John Creek	Channel	not flowing 37 55'				05/14/2012		Dave Smith
	Emily Pope	15-2S5E-29		Channel	not flowing 37 43			Background		1:30 PM	Dave Smith
05/08/2012											
05/08/2012 05/08/2012 05/08/2012	Emily Pope Emily Pope	15-2S5E-29 15-2S5E-29	City of Tracy Drain City of Tracy Drain	Channel Channel	not flowing 37 43' not flowing 37 43'			Event	05/09/2012 05/15/2012	10:25 AM 9:05 AM	Dave Smith Dave Smith

	W	eather Conditio	ns					Visual	Observatio	ns				Field	Measureme	ents	
											Fungi,Slimes or	Potential		Electrical	Dissolved		T
Date of	Overhead	Precipitation	Wind	Air	Water Color	Water	Floating/Susp	Bottom	Aquatic	Water	objectionable	Nuisance	Water	condutivity		pН	Turbidity
Application	Conditions			Temperature		Clarity	ended Matter	Deposits	Life	Surface Oils	growths	Conditions	Temperature	(EC)	(DO)	P	
											g		(°F)	(µS/cm)	(mg/L)	(units)	(NTU)
	Methoprene -	· Wetlands - N	apa County M	Aosquito Aba	tement Distr	ct (NCN	AD)							([,	((0	(*** =)
	Overcast				Colorless	Clear	Observed	Observed	Observed	none	Not Observed	None	44.6	3694	15.02	7.38	3.41
	Overcast	None		Cool	Colorless	Clear	Observed	Observed	Observed		Not Observed		45.0	3473	9.69	7.5	1.74
	Clear/sunny			Warm/mild	Colorless	Clear	Not Observed				Not Observed		62.2	5694	13.63	7.61	6.16
	Clear/sunny	None	Calm	Warm/mild	Colorless	Clear	Not Observed	Observed	Observed		Not Observed	None	56.9	3093	12.88	7.00	10.25
03/21/2012	Clear/sunny	None	Calm	Warm/mild	Colorless	Clear	Not Observed	Observed	Observed	none	Not Observed	None	62.1	3860	13.84	6.81	7.90
03/21/2012	Partly cloudy	None	Gusty	Cool	Colorless	Clear	Not Observed	Observed	Observed	none	Not Observed	None	64.8	2337	8.97	7.68	1.67
04/11/2012	Partly cloudy	None	Gusty	Cool	Colorless	Clear	Not Observed	Observed	Observed	none	Not Observed	None	64.8	2337	8.97	7.68	1.67
04/11/2012	Partly cloudy	None	Gusty	Cool	Colorless	Clear	Not Observed	Observed	Observed	none	Not Observed	None	67.6	3036	7.74	7.22	3.67
04/11/2012	Clear/sunny	None	Light breeze	Cool	Colorless	Clear	Not Observed	Observed	Observed	none	Not Observed	None	62.6	2452	7.67	7.79	0.47
06/05/2012	Partly cloudy	None	Gusty	Warm/mild	Colorless	Clear	Observed	Observed	Observed	none	Not Observed	None	55.4	3223	3.24	7.04	0.51
06/05/2012	Partly cloudy	None	Gusty	Warm/mild	Colorless	Clear	Observed	Observed	Observed		Not Observed	None	56.7	3231	4.31	7.09	0.49
06/05/2012	Partly cloudy	None	Gusty	Warm/mild	Green	Clear	Observed	Observed	Observed	none	Not Observed	None	62.1	4370	8.94	7.17	1.43
07/26/2012	Overcast	Foggy	Light breeze	Cool	Colorless	Clear	Observed	Observed	Observed	none	Not Observed	None	59.5	2819	3.03	7.00	0.58
07/26/2012	Partly cloudy	None	Light breeze	Warm/mild	Colorless	Clear	Observed	Observed	Observed	none	Not Observed	None	65.5	3201	7.38	7.05	1.26
07/26/2012	Clear/sunny	None	Calm	Warm/mild	Colorless	Clear	Observed		Observed		Not Observed	None	62.2	4909	4.6	6.8	2.18
10/19/2012	Overcast	None	Calm	Warm/mild	Colorless	Clear	Observed	Observed	Observed	none	Not Observed	None	58.6	3601	4.20	7.10	1.4
10/19/2012	Partly cloudy	None	Calm	Warm/mild	Colorless	Clear	Observed	Observed	Observed	none	Not Observed	None	60.1	3694	6.00	7.16	3.33
10/19/2012	Clear/sunny	None	Calm	Cool	Colorless	Clear	Observed	Observed	Observed	none	Not Observed	None	49.3	2954	5.53	7.25	0.67
		<u>stillates - Agri</u>	culture - San	Joaquin Cou	nty Mosquit	o Vector	Control Distri										
	Overcast				Colorless	Clear	Observed	Observed			Not Observed		51.73	203	2.45	6.36	6.28
	Overcast				Colorless	Clear	Observed		Observed		Not Observed		52.69	208	2.44	6.52	39.6
	Clear/sunny				Colorless	Clear	Observed		Observed		Not Observed		52.91	312	1.28	6.45	13.5
	Overcast				Brown	Clear	Observed		Not Observ		Not Observed		52.46	464	4.07	7.22	36.5
	Partly cloudy		Light breeze		Brown	Cloudy	Observed		Observed		Not Observed		54.19	543	3.45	6.83	33.8
	Clear/sunny		ų.		Brown	Clear	Observed		Observed	Films	Not Observed		52.81	652	1.55	6.77	39.9
	Partly cloudy		Light breeze		Brown	Murky	Observed	Observed			Not Observed		54.60	234	5.04	6.65	78.9
	, ,				Brown	Murky	Observed		Observed		Not Observed		51.02	374	7.08	5.88	65.2
	Clear/sunny				Brown		Observed		Not Observ		Observed	animal was		521	1.57	5.88	unreadable
	Clear/sunny		Light breeze		Brown		Observed	Observed			Observed		66.53	267		7.48	38.8
	Clear/sunny		Light breeze		Brown		Observed		Observed		Observed		72.58	145	1.83	6.53	48.2
	Clear/sunny	None	Light breeze	Warm/mild	Brown		Observed		Observed	Films	Observed	trash	70.47	72	4.16	6.75	43.5
	Clear/sunny		Light breeze		Brown		Observed	Observed			Observed	dead leaves		287	0.21	6.16	6.33
	Clear/sunny				Brown		Observed		Observed		Observed	dead leaves		282	3.38	6.83	10.78
	Clear/sunny		Light breeze		Green		Observed	Not Observ			Not Observed		65.4	64	5.42	6.54	4.18
	Clear/sunny				Colorless		Observed	Observed			Not Observed		64.4	396	4.21	6.82	1.81
	Clear/sunny				Colorless		Observed		Observed		Not Observed			474	0.74	6.86	3.76
05/08/2012	Clear/sunny		Light breeze	Cool	Colorless	Clear	Observed	Observed	Observed	Sheen	Not Observed	None	60.15	332	3.80	6.84	3.99

	1		Application Info					MONITORING Information					
Date of Application	Applicator	Location	Name of Water Body	Type of Water Body	Description	Type of pesticide	Product Name	Time of Monitoring	Monitoring Date	Time	Name(s) of personnel		
	Betroloum Distil	latao Urban Craatar Lao An	nolog County Vester C	Control District (
08/22/2012	Richardo Gomez	lates - Urban - Greater Los Ang	Pacoima Wash	Channel	<u>GLACVCD</u>	Lonvicido	Golden Bear 1111	Background	08/22/2012	9:16 AM	S. Vetrone, R. Gallar		
	Richardo Gomez		Pacoima Wash	Channel			Golden Bear 1111	Event	08/22/2012		S. Vetrone, R. Galla		
	Richardo Gomez		Pacoima Wash	Channel			Golden Bear 1111	Post-Event	08/23/2012		P. O'Connor, S. Vetr		
	Ricardo Gomez	3705	Pacoima Wash	Channel			Golden Bear 1111				R. Gallant, S. Vetron		
	Ricardo Gomez	3705	Pacoima Wash	Channel			Golden Bear 1111	Event	09/05/2012		R. Gallant, S. Vetron		
	Ricardo Gomez	3705	Pacoima Wash	Channel			Golden Bear 1111		09/06/2012	8:19 AM	R. Gallant, S. Vetron		
	Ricky Gomez	3705	Pacoima Wash	Channel			Golden Bear 1111	Background			P.O'Connor, S.Vetror		
	Ricky Gomez	3705	Pacoima Wash	Channel			Golden Bear 1111	Event	09/12/2012		P.O'Connor, S. Vetro		
	Ricky Gomez	3705	Pacoima Wash	Channel			Golden Bear 1111		09/13/2012	9:30 AM	P.O'Connor, S.Vetror		
	Ricky Gomez	3705	Pacoima Wash	Channel			Golden Bear 1111	Background		9:18 AM	S. Vetrone		
	Ricky Gomez	3705	Pacoima Wash	Channel			Golden Bear 1111	Event	09/27/2012	9:45 AM	S. Vetrone		
	Ricky Gomez	3705	Pacoima Wash	Channel			Golden Bear 1111		09/28/2012	9:45 AM 9:00 AM	S. Vetrone		
	Ricky Gomez	3705	Pacoima Wash	Channel			Golden Bear 1111		10/10/2012	8:40 AM	S. Vetrone		
	Ricky Gomez	3705	Pacoima Wash	Channel			Golden Bear 1111	Background Event	10/10/2012	9:05 AM	S. Vetrone		
	Ricky Gomez	3705	Pacoima Wash	Channel			Golden Bear 1111	Post-Event	10/11/2012		P. O'Connor		
	Ricky Gomez	3705	Pacoima Wash	Channel			Golden Bear 1111	Background	10/24/2012	8:38 AM	S. Vetrone, R.Gallant		
	Ricky Gomez	3705	Pacoima Wash	Channel			Golden Bear 1111	Event	10/24/2012	9:02 AM	S. Vetrone, R.Gallant		
	Ricky Gomez	3705	Pacoima Wash	Channel			Golden Bear 1111	Post-Event	10/25/2012		S. Vetrone, R Gallant		
10/24/2012	Ricky Gomez	5705		Channel		Laivicide		F USI-LVEIII	10/23/2012	10.07 AW			
	Potroloum Distil	Iates - Wetland - Sacramento-	Volo Mosquito Voctor	Control District									
06/20/2012	John Fritz	38°16'11.24"N 121°26'21.26"W		Pond		Larvicida	BVA 2 Mosquito Larvicide Oil	Background	06/20/2012	10:10AM	John Fritz		
06/20/2012	John Fritz	38°16'11.24"N 121°26'21.26"W		Pond			BVA 2 Mosquito Larvicide Oil	Event	06/20/2012	10:30AM	John Fritz		
06/20/2012	John Fritz	38°16'11.24"N 121°26'21.26"W		Pond			BVA 2 Mosquito Larvicide Oil	Post-Event	06/22/2012	10:30AM	John Fritz		
06/22/2012	John Fritz	38°27'18.84"N 121°28'46.18"W					BVA 2 Mosquito Larvicide Oil		06/22/2012	11:00AM	John Fritz		
06/22/2012	John Fritz	38°27'18.84"N 121°28'46.18"W					BVA 2 Mosquito Larvicide Oil		06/22/2012	11:40AM	John Fritz		
06/22/2012	John Fritz	38°27'18.84"N 121°28'46.18"W						Event Root Event	06/25/2012	11:10 AM	John Fritz		
	Kevin Combo	38°16'23.99"N 121°26'23.62"W			2a		BVA 2 Mosquito Larvicide Oil BVA 2 Mosquito Larvicide Oil		10/09/2012	11:16 AM	Kevin Combo, Marty		
	Kevin Combo	38°16'23.99"N 121°26'23.62"W						Background	10/09/2012	11:59 AM	Kevin Combo, Marty		
					2a		BVA 2 Mosquito Larvicide Oil	Event					
	Kevin Combo Kevin Combo	38°16'23.99"N 121°26'23.62"W 38°16'23.45"N 121°26'28.51"W			2a		BVA 2 Mosquito Larvicide Oil BVA 2 Mosquito Larvicide Oil	Post-Event	10/15/2012		Marty Scholl Kevin Combo, Marty		
					3a			Background					
	Kevin Combo	38°16'23.45"N 121°26'28.51"W			3a		BVA 2 Mosquito Larvicide Oil	Event Post-Event	10/09/2012		Kevin Combo, Marty Marty Scholl		
	Kevin Combo	38°16'23.45"N 121°26'28.51"W 38°16'16.91"N 121°26'28.36"W			3a		BVA 2 Mosquito Larvicide Oil BVA 2 Mosquito Larvicide Oil	Background	10/15/2012		,		
	Kevin Combo				4a			- V			Kevin Combo, Marty		
	Kevin Combo	38°16'16.91"N 121°26'28.36"W 38°16'16.91"N 121°26'28.36"W			4a		BVA 2 Mosquito Larvicide Oil	Event	10/09/2012		Kevin Combo, Marty		
	Kevin Combo				4a		BVA 2 Mosquito Larvicide Oil	Post-Event	10/15/2012		Marty Scholl		
	Kevin Combo	38°16'12.24"N 121°26'29.04"W			5a		BVA 2 Mosquito Larvicide Oil	Background	10/09/2012		Kevin Combo, Marty		
ann/ng/2012	Kevin Combo	38°16'12.24"N 121°26'29.04"W	Cosumnes River Wetla	rona	5a	Larvicide	BVA 2 Mosquito Larvicide Oil	Event	10/09/2012	11:39 AM	Kevin Combo, Marty		
	Kevin Combo	38°16'12.24"N 121°26'29.04"W		Dand	5a	الملحا بسعها	BVA 2 Mosquito Larvicide Oil	Post-Event	10/15/2012	12:04 PM	Marty Scholl		

	W	eather Condition	ons					Visual	Observatio	ns			Field Measurements					
Date of Application	Overhead Conditions	Precipitation	Wind	Air Temperature	Water Color	Water Clarity	Floating/Susp ended Matter	Bottom Deposits	Aquatic Life	Water Surface Oils	Fungi,Slimes or objectionable growths	Potential Nuisance Conditions	Water Temperature	(EC)	Dissolved oxygen (DO)	рН	Turbidity	
													(°F)	(µS/cm)	(mg/L)	(units)	(NTU)	
	Petroleum Di	stillates - Urb	an - Greater L	os Angeles C	County Vecto	r Contro	ol District (GLA	CVCD)										
08/22/2012	Clear/sunny		Calm	Warm/mild	Brown	Clear	Observed		Observed		Observed	Trash and o		1082	4.62	7.94	1.36	
08/22/2012	Clear/sunny		Light breeze		Brown	Clear	Observed		Observed	Films	Observed	Trash and o	85.3	1172	1.58	8.81	4.49	
08/22/2012	Clear/sunny		Light breeze		Brown	Clear	Observed	Observed			Observed	Trash and o		1519	5.64	9.09	1.25	
09/05/2012	Overcast			Cool	Green	Clear	Observed	Observed			Observed	Trash & del		801	9.58	8.31	1.53	
09/05/2012	Overcast			Warm/mild	Green	Clear	Observed	Observed			Observed	trash & deb		867	11.45	8.89	1.76	
09/05/2012	Clear/sunny			Warm/mild	Green	Clear	Observed		Observed		Observed	Trash & del		945	4.5	7.66	0.73	
9/12/12	Clear/sunny		Light breeze		Green	Clear	Observed		Observed		Observed	Sepulveda		2440	3.82	8.31	0.67	
9/12/12	Clear/sunny		Calm	Hot	Green	Clear	Observed	Observed			Observed	Trash and o		695	3.03	8.88	0.85	
9/12/12	Clear/sunny		Calm	Warm/mild	Green	Clear	Observed	Observed			Observed	Trash and I		1908	5.65	7.88	0.7	
9/27/12	Clear/sunny		Calm	Warm/mild	Colorless	Clear	Observed	Observed			Observed	Trash and o		732	6.32	7.89	0.94	
9/27/12	Clear/sunny		Calm	Warm/mild	Colorless	Clear	Observed	Observed			Observed	Trash and o		737	7.71	7.97	0.53	
9/27/12	Clear/sunny		Calm	Warm/mild	Colorless	Clear	Observed	Observed			Observed	Trash and o		733	4.91	8.18	1.11	
10/10/2012	Clear/sunny		Calm	Cool	Green	Clear	Observed		Observed		Observed	Trash and I		0.27	7.17	5.57	0.65	
10/10/2012	Clear/sunny			Cool	Green	Clear	Observed		Observed		Observed	Trash and o		704	0.2	7.74	0.5	
10/10/2012	Partly cloudy	Drizzle	Light breeze		Green	Clear	Observed		Observed	Films	Observed	Trash and o		748	7.95	8.35	0.89	
10/24/2012	Clear/sunny	None	Light breeze		Brown	Clear	Observed	Observed			Observed	Trash and o		497	4.05	7.77	0.77	
10/24/2012	Clear/sunny		Gusty	Cool	Brown	Clear	Observed		Observed		Observed	Trash and o		498.6	4.43	7.77	0.59	
10/24/2012	Clear/sunny	None	Gusty	Cool	Brown	Clear	Observed	Observed	Observed		Observed	trash	55.2	484.7	6.99	8.78	0.61	
	Petroleum Di	stillates - Wet	land - Sacran	nento-Yolo M	osquito Vect	or Cont	rol District (SY	MVCD)										
06/20/2012	Clear/sunny		Light breeze		Green	·	Not Observed		Observed	None	Not Observed	None	77.03	292	7.52	8.59	21.2	
06/20/2012	Clear/sunny		Light breeze		Green	Murky	Not Observed	Not Observ	Observed		Not Observed	None	76.3	289	7.70	8.66	19.6	
06/20/2012	Partly cloudy		-	Cool	Green	Murky	Not Observed	Not Observ	Observed	None	Not Observed	None	69.2	240	7.63	7.8	18.3	
06/22/2012	Partly cloudy	None	Gusty	Warm/mild	Brown	Cloudy	Observed	Not Observ	Observed	None	Not Observed	None	70.0	262	5.69	7.24	28.6	
06/22/2012	Clear/sunny	None	Gusty	Warm/mild	Brown	Murky	Observed	Not Observ	Observed	None	Not Observed	None	70.3	262	5.70	7.3	28.4	
06/22/2012	Clear/sunny	None	Light breeze	Warm/mild	Brown	Murky	Observed	Not Observ	Observed	None	Not Observed	None	73.4	280	5.10	7.12	65.3	
10/09/2012	Clear/sunny	None	Light breeze	Warm/mild	Colorless	Murky	Not Observed	Observed	Observed	None	Not Observed	None	72.01	183	11.82	7.04	4.35	
10/09/2012	Clear/sunny	None	Light breeze	Warm/mild	Colorless	Murky	Not Observed	Observed	Not Observ	none	Not Observed	None	75.04	184	11.63	7.26	4.44	
10/09/2012	Clear/sunny	None	Light breeze		Colorless	Clear	Not Observed	Observed	Observed	None	Observed	None	74.49	180	11.51	6.61	14.6	
10/09/2012	Clear/sunny	None	Light breeze	Warm/mild	Colorless	Murky	Not Observed	Observed	Observed	None	Not Observed	None	67.17	223	12.62	7.24	7.33	
10/09/2012	Clear/sunny	None	Light breeze		Colorless	Murky	Not Observed	Observed	Observed	Films	Not Observed	None	70.23	219	10.98	7.04	14.1	
10/09/2012	Clear/sunny	None	Light breeze	Warm/mild	Colorless	Clear	Not Observed	Observed	Observed	None	Not Observed	None	69.82	156	11.07	7.11	11.62	
10/09/2012	Clear/sunny	None	Light breeze	Warm/mild	Colorless	Murky	Not Observed	Observed	Observed	None	Not Observed	None	68.92	20.8	14.84	7.73	6.53	
10/09/2012	Clear/sunny	None	Light breeze	Warm/mild	Colorless	Murky	Not Observed	Observed	Observed	None	Not Observed	None	72.33	204	16.20	7.39	15.7	
10/09/2012	Clear/sunny	None	Light breeze	Warm/mild	Colorless	Murky	Not Observed	Observed	Observed	None	Not Observed	None	71.99	151	15.19	7.64	8.19	
10/09/2012	Clear/sunny	None	Light breeze	Warm/mild	Colorless	Murky	Not Observed	Observed	Observed	None	Not Observed	None	66.86	219	8.99	7.39	5.97	
10/09/2012	Clear/sunny	None	Light breeze	Warm/mild	Colorless	Murky	Not Observed	Observed	Observed	none	Not Observed	None	69.96	219	10.20	6.95	8.52	
10/09/2012	Clear/sunny	None	Light breeze	Warm/mild	Colorless	Clear	Not Observed	Observed	Observed	None	Not Observed	None	71.43	154	14.75	7.54	3.48	

			Application Info	1		1				nformation		
Date of Application	Applicator	Location	Name of Water Body	Type of Water Body	Description	Type of pesticide	Product Name	Time of Monitoring	Monitoring Date	Time	Name(s) of personnel	
								_				
		Films - Agriculture - Sacramer							4.4.10=100.4.0			
	Kevin Combo	38°18'24.58"N 121°13'18.20"W	· ·				•	Background		1:13PM	Marty Scholl	
	Kevin Combo	38°18'24.58"N 121°13'18.20"W						Event	11/07/2012	1:34PM	Marty Scholl	
	Kevin Combo	38°18'24.58"N 121°13'18.20"W	, ,		•			Post-Event	11/13/2012	10:30 AM	Kevin Combo	
	Kevin Combo	38°18'09.04"N 121°15'32.00"W			Agricultural Setting		• •	Background		11:41 AM	Kevin Combo, Marty	
	Kevin Combo	38°18'09.04"N 121°15'32.00"W			Agricultural Setting		• •	Event	11/07/2012	12:27PM	Marty Scholl	
	Kevin Combo	38°18'09.04"N 121°15'32.00"W			Agricultural Setting		• •	Post-Event	11/13/2012	9:40AM	Kevin Combo	
	Kevin Combo	38°18'07.53"N 121°15'39.05"W			Agricultural Setting			Background		11:50 AM	Kevin Combo, Marty	
	Kevin Combo	38°18'07.53"N 121°15'39.05"W			Agricultural Setting		• •	Event	11/07/2012	12:34PM	Marty Scholl	
11/07/2012	Kevin Combo	38°18'07.53"N 121°15'39.05"W	Skunk Creek	Open waterway	Agricultural Setting	Larvicide	Agnigue MMF	Post-Event	11/13/2012	9:50AM	Kevin Combo	
	Monomolecular	Films - Agriculture - Owens Va	alley Mosquito Abaten	nent Program								
12/11/12	Casey Freeman	36.322138, -118.019963	Cartago Soda Ponds	Spring water	spring water on ea	Larvicide	Agnique MMF	Background	12/11/12	10:45 AM	Casey Freeman	
12/11/12	Casey Freeman	36.322138, -118.019963	Cartago Soda Ponds	Spring water	spring water on ea	Larvicide	Agnique MMF	Event	12/11/12	11:00 AM	Chris Wickham	
12/11/12	Casey Freeman	36.322138, -118.019963	Cartago Soda Ponds	Spring water	spring water on ea	Larvicide	Agnique MMF	Post-Event	12/19/12	11:35 AM	Chris Wickham	
12/11/12	Casey Freeman	36.574433, -118.013601	Lower Owens River	sub water from I	water from high w	Larvicide	Agnique MMF	Background	12/11/12	11:35 AM	Casey Freeman	
12/11/12	Casey Freeman	36.574433, -118.013601	Lower Owens River	sub water from I	water from high w	Larvicide	Agnique MMF	Event	12/11/12	12:25 PM	Chris Wickham	
12/11/12	Casey Freeman	36.574433, -118.013601	Lower Owens River	sub water from I	water from high w	Larvicide	Agnique MMF	Post-Event	12/19/12	12:16 PM	Chris Wickham	
12/11/12	Rob Miller	37.349117, -118.367634	Bishop Sewer	sewer pond rund	subwater	Larvicide	Agnique MMF	Background	12/11/12	2:35 PM	Rob Miller	
12/11/12	Rob Miller	37.349117, -118.367634	Bishop Sewer	sewer pond rund	subwater	Larvicide	Agnique MMF	Event	12/11/12	3:00 PM	Chris Wickham	
12/11/12	Rob Miller	37.349117, -118.367634	Bishop Sewer	sewer pond rund	subwater	Larvicide	Agnique MMF	Post-Event	12/19/12	2:08 PM	Rob Miller	
	Monomolecular	Films - Urban - Coachella Vall	ev Mosquito Vector C	ontrol District (C								
08/29/2012		33.71916167, -116.30062944		Channel		Larvicide	AE surfactant Agnique MMF	Background	08/29/2012	10:59	Fernando Fregoso ar	
08/29/2012				Channel			AE surfactant Agnique MMF	Event	08/29/2012	12:07	Fernando Fregoso ar	
08/29/2012	-			Channel			AE surfactant Agnique MMF		09/26/2012	10:01	Fernando Fregoso ar	
09/11/2012	Lee Ernst			Channel			AE surfactant Agnique MMF	Background		10:30	Lee Ernst and Gabrie	
	Lee Ernst			Channel			AE surfactant Agnique MMF	Event	09/11/2012	10:53	Lee Ernst and Gabrie	
	Lee Ernst			Channel			AE surfactant Agnique MMF	Post-Event	10/10/2012	9:55	Lee Ernst and Gabrie	
	Lee Ernst	33.74649387, -116.41143701		Channel			AE surfactant Agnique MMF	Background		9:25	Lee Ernst and Gabrie	
	Lee Ernst	33.74649387, -116.41143701		Channel			AE surfactant Agnique MMF	Event	09/11/2012	9:44	Lee Ernst and Gabrie	
	Lee Ernst	33.74649387, -116.41143701		Channel			AE surfactant Agnique MMF	Post-Event	10/10/2012	9:14	Lee Ernst and Gabrie	
	Miguel Vargas	33.72180447, -116.25575372		Channel			AE surfactant Agnique MMF	Background		10:03	Miguel Vargas and G	
	Miguel Vargas	33.72180447, -116.25575372		Channel			AE surfactant Agnique MMF	Event	09/12-2012	10:29	Miguel Vargas and G	
	Miguel Vargas	33.72180447, -116.25575372		Channel			AE surfactant Agnique MMF	Post-Event	10/09/2012	11:25	Migeul Vargas and G	
	Antonio Molina			Channel			AE surfactant Agnique MMF	Background		9:40	Antonio Molina and G	
	Antonio Molina		Residential channel	Channel			AE surfactant Agnique MMF	Event	09/12/2012	10:17	Antonio Molina and G	
	Antonio Molina	33.63404503, -116.13306792	Residential channel	Channel			AE surfactant Agnique MMF	Post-Event	10/12/2012	10:20	Antonio Molina and G	
	Lee Ernst	33.75761676, -116.4293646		Channel			AE surfactant Agnique MMF		10/12/2012	11:01	Lee Ernst and Gabrie	
	Lee Ernst	33.75761676, -116.4293646		Channel			AE surfactant Agnique MMF	Event	10/12/2012	11:06	Lee Ernst and Gabrie	
	Lee Ernst	33.75761676, -116.4293646		Channel			AE surfactant Agnique MMF		11/06/2012	9:37	Lee Ernst and Gabrie	

	W	eather Condition	ons					Visual	Observatio	ns			Field Measurements					
Date of Application	Overhead Conditions	Precipitation	Wind	Air Temperature	Water Color	Water Clarity	Floating/Susp ended Matter	Bottom Deposits	Aquatic Life	Water Surface Oils	Fungi,Slimes or objectionable growths	Potential Nuisance Conditions	Water Temperature	Electrical condutivity (EC)	Dissolved oxygen (DO)	рН	Turbidity	
													(°F)	(µS/cm)	(mg/L)	(units)	(NTU)	
	Monomolecu	lar Films - Ag	riculture - Sa	cramento-Yol	o Mosquito V	/ector C	ontrol District	(SYMVCD)										
11/07/2012	Clear/sunny	None	Calm	Warm/mild	Brown	Murky	Observed	Observed	Observed	Coatings	Not Observed	None	57.16	442	7.27	7.47	16.5	
11/07/2012	Clear/sunny	None	Calm	Warm/mild	Brown	Murky	Observed	Observed	Observed	Flecks	Not Observed	None	58.02	442	6.25	7.35	18.0	
11/07/2012	Clear/sunny	None	Light breeze	Cool	Brown	Murky	Observed	Observed	Observed	None	Not Observed	None	56.08	1	10.78	7.30	18.8	
11/07/2012	Clear/sunny	None	Calm	Warm/mild	Brown	Murky	Observed	Observed	Observed	None	Not Observed	None	55.22	361	6.43	7.08	19.3	
11/07/2012	Clear/sunny	None	Calm	Warm/mild	Brown	Murky	Observed	Observed	Observed	Flecks	Not Observed	None	56.75	357	6.90	7.27	20.5	
11/07/2012	Clear/sunny	None	Calm	Cool	Brown	Murky	Observed	Observed	Observed	None	Not Observed	None	44.85	287	8.69	7.64	16.4	
11/07/2012	Clear/sunny	None	Calm	Warm/mild	Colorless	Clear	Observed	Observed	Observed	None	Not Observed	None	53.56	366	6.51	6.80	4.25	
11/07/2012	Clear/sunny	None	Calm	Warm/mild	Colorless	Clear	Observed	Observed	Observed	None	Not Observed	None	54.82	372	2.28	6.97	6.32	
11/07/2012	Clear/sunny	None	Calm	Cool	Colorless	Clear	Observed	Observed	Observed	None	Not Observed	None	45.82	295	12.50	7.67	2.18	
	Monomolecu	<u>lar Films - Ag</u>	riculture - Ow	vens Valley M	osquito Abat	ement F	<u>Program</u>											
12/11/12	Clear	none	not noted	51 F	not noted	clear	minimal	high	not noted	none	minimal	birds	59.6	261	31.1	7.79	0.23	
12/11/12	Clear	none		51 F	not noted	clear	minimal	high	not noted	light	minimal	birds	59.9	260	24.7	7.99	0.57	
12/11/12	Clear	none	not noted	37 F	not noted	clear	minimal	high	not noted	none	minimal	birds	50.2	275	50.1	7.5	3.9	
12/11/12	Clear	none		51 F	Dark Brown	Murky	med to high	high	not noted	none	minimal	cattle	57.4	19580	3.2	9.07	5.08	
12/11/12	Clear	none	not noted	51 F	Dark Brown	Murky	med to high	high	not noted	light	minimal	cattle	40.5	20710	0.4	8.7	7.95	
12/11/12	Clear	none	not noted	39 F	Dark Brown	Murky	med to high	high	not noted	none	minimal	cattle	44.3	16450	14.6	9.25	4.69	
12/11/12	Clear	none	not noted	60 F	Colorless	Clear	few	many	not noted	none	none	cattle	58.96	3282	253.1	7.96	83.2	
12/11/12	Clear	none	not noted	60 F	Colorless	Clear	few	many	not noted	light	none	cattle	55.4	3366	281.9	7.81	35.9	
12/11/12	Clear	none	not noted	40 F	Colorless	Clear	few	many	not noted	none	none	cattle	42.2	1989	259	8.87	23	
	Monomolecu	lar Films - Url	ban - Coachel	lla Valley Mos	quito Vector	Contro	District (CVM)	VCD)										
08/29/2012	Partly cloudy	None	Light breeze	Hot	Brown	Clear	Observed	Observed	Observed	none	Observed	None	91.6	1576	5.9	7.80	20.04	
08/29/2012	Partly cloudy	None	Light breeze	Hot	Brown	Clear	Observed	Observed	Observed	none	Observed	None	96.6	1600	6.7	8.14	24.0	
08/29/2012	Clear/sunny	None	Light breeze	Hot	Brown	Clear	Observed	Observed	Observed	none	Observed	None	77.8	2844	6.2	6.92	18.77	
09/11/2012	Overcast	None	Light breeze	Warm/mild	Colorless	Cloudy	Observed	Observed	Observed	Coatings	Observed	None	81.9	1174	0.5	7.65	14.27	
09/11/2012	Overcast	None	Light breeze	Warm/mild	Colorless	Cloudy	Observed		Observed		Observed	None	81.9	1182	0.4	7.49	24.10	
09/11/2012	Partly cloudy	None		Warm/mild	Colorless	Clear	Observed		Observed		Observed	None		1474	0.7	7.43	7.15	
09/11/2012	Overcast	None		Warm/mild	Colorless		Observed		Observed		Observed	None	78.2	1289	0.2	7.09	13.52	
09/11/2012	Overcast	None	Calm	Warm/mild	Colorless			Observed		-	Observed	None		1290		7.26	13.53	
09/11/2012	Partly cloudy	None	Calm	Warm/mild	Colorless	Clear	Observed	Observed	Observed	Coatings	Observed	None	68.0	1109	0.8	7.13	11.76	
09/12/2012	Clear/sunny	None	Light breeze	Warm/mild	Brown		Observed		Observed		Not Observed	None	80.3	1190	0.1	6.98	5.76	
09/12/2012	Clear/sunny	None	Light breeze	Warm/mild	Brown	,	Observed		Observed		Not Observed	None		1187		7.10	10.12	
09/12/2012	Clear/sunny	None		Warm/mild			Observed		Observed		Not Observed	None		1194	1.9	7.51	20.69	
09/14/2012	Clear/sunny	None		Hot			Observed		Observed		Observed			39511	0.3	8.86	26.45	
09/14/2012	Clear/sunny	None	,	Hot			Observed		Observed		Observed			40592		9.12	24.90	
09/14/2012	Clear/sunny	None	Light breeze				Observed	Observed			Observed			28656		8.99	15.03	
10/12/2012	Clear/sunny	None	Light breeze				Observed	Observed			Observed			2075		8.71	10.67	
10/12/2012	Clear/sunny	None	Light breeze				Observed		Observed	v	Observed	None		3120		8.62	13.24	
10/12/2012	Clear/sunny	None	Calm	Warm/mild	Green	Cloudy	Observed	Observed	Observed	Coatings	Observed	None	71.5	1760	0.5	7.16	10.40	

			Application Info			-		MONITORING Information				
Date of Application	Applicator	Location	Name of Water Body	Type of Water Body	Description	Type of pesticide	Product Name	Time of Monitoring	Monitoring Date	Time	Name(s) of personnel	
		<u> Films - Wetland - Coachella Va</u>			(CVMVCD)							
10/26/2012		33.55332977, -116.07646026		Pond			AE surfactant Agnique MMF	Background	10/26/2012	12:22	Jeff Rushing and Gab	
10/26/2012		33.55332977, -116.07646026		Pond			AE surfactant Agnique MMF	Event	10/26/2012	12:41	Jeff Rushing and Gab	
10/26/2012		33.55332977, -116.07646026	Duck club pond	Pond		Larvicide	AE surfactant Agnique MMF	Post-Event	11/20/2012	11:17	Jeff Rushing and Gab	
10/26/2012			Duck club pond	Pond			AE surfactant Agnique MMF	Background	10/26/2012	11:10	Jeff Rushing and Gab	
10/26/2012	Antonio Molina an	33.55331253, -116.07363097	Duck club pond	Pond		Larvicide	AE surfactant Agnique MMF	Event	10/26/2012	12:12	Jeff Rushing and Gab	
10/26/2012	Antonio Molina an	33.55331253, -116.07363097	Duck club pond	Pond		Larvicide	AE surfactant Agnique MMF	Post-Event	11/20/2012	10:38	Jeff Rushing and Gab	
10/29/2012	Jeff Rushing	33.55312889, -116.06027132	Wetland channel	Channel		Larvicide	AE surfactant Agnique MMF	Background	10/29/2012	10:36	Jeff Rushing and Gab	
10/29/2012	Jeff Rushing	33.55312889, -116.06027132	Wetland channel	Channel		Larvicide	AE surfactant Agnique MMF	Event	10/29/2012	11:00	Jeff Rushing and Gab	
10/29/2012	Jeff Rushing	33.55312889, -116.06027132	Wetland channel	Channel		Larvicide	AE surfactant Agnique MMF	Post-Event	11/26/2012	10:39	Jeff Rushing and Gab	
10/30/2012	Carlos Hernandez	3.55156746, -116.07479279	Duck pond	Pond		Larvicide	AE surfactant Agnique MMF	Background	10/30/2012	12:23	Carlos Hernandez an	
10/30/2012	Carlos Hernandez	3.55156746, -116.07479279	Duck pond	Pond		Larvicide	AE surfactant Agnique MMF	Event	10/30/2012	12:42	Carlos Hernandez an	
10/30/2012	Carlos Hernandez	3.55156746, -116.07479279	Duck pond	Pond		Larvicide	AE surfactant Agnique MMF	Post-Event	11/27/2012	9:20	Carlos Hernandez an	
10/30/2012	Carlos Hernandez	33.54921239, -116.07358705	Duck pond	Pond		Larvicide	AE surfactant Agnique MMF	Background	10/30/2012	10:46	Carlos Hernandez an	
10/30/2012	Carlos Hernandez	33.54921239, -116.07358705	Duck pond	Pond		Larvicide	AE surfactant Agnique MMF	Event	10/30/2012	11:42	Carlos Hernandez an	
10/30/2012	Carlos Hernandez	33.54921239, -116.07358705	Duck pond	Pond		Larvicide	AE surfactant Agnique MMF	Post-Event	11/27/2012	10:12	Carlos Hernandez an	
10/30/2012	Carlos Hernandez	33.54922977, -116.07570926	Duck pond	Pond		Larvicide	AE surfactant Agnique MMF	Background	10/30/2012	11:47	Carlos Hernandez an	
10/30/2012	Carlos Hernandez	33.54922977, -116.07570926	Duck pond	Pond			AE surfactant Agnique MMF	Event	10/30/2012	11:57	Carlos Hernandez an	
10/30/2012	Carlos Hernandez	33.54922977, -116.07570926	Duck pond	Pond			AE surfactant Agnique MMF	Post-Event	11/27/2012	10:35	Carlos Hernandez an	
	Spinosads - Agri	culture - Coachella Valley Mo	squito Vector Control	District (CVMVC	<u>D)</u>							
06/27/2012	Ramon Gonzales	33.45779793, -116.0558908	Agriculture channel	Channel		Larvicide	Spinosad Natular G	Background	06/27/2012	10:09	Ramon Gonzales and	
06/27/2012	Ramon Gonzales	33.45779793, -116.0558908	Agriculture channel	Channel		Larvicide	Spinosad Natular G	Event	06/27/2012	10:19	Ramon Gonzales and	
06/27/2012	Ramon Gonzales	33.45779793, -116.0558908	Agriculture channel	Channel		Larvicide	Spinosad Natular G	Post-Event	07/11/2012	11:19	Ramon Gonzales and	
08/15/2012	Ramon Gonzales	33.45779793, -116.0558908	Agriculture channel	Channel		Larvicide	Spinosad Natular G30	Background	08/15/2012	11:09	Ramon Gonzales and	
08/15/2012	Ramon Gonzales	33.45779793, -116.0558908	Agriculture channel	Channel		Larvicide	Spinosad Natular G30	Event	08/15/2012	11:28	Ramon Gonzales and	
08/15/2012	Ramon Gonzales	33.45779793, -116.0558908	Agriculture channel	Channel		Larvicide	Spinosad Natular G30	Post-Event	09/21/2012	10:36	Ramon Gonzales and	
09/04/2012	Jeff Rushing	33.67079057, -116.1280758	Agriculture channel	Channel		Larvicide	Spinosad Natular 2EC	Background	09/04/2012	11:48	Jeff Rushing and Jeni	
09/04/2012	Jeff Rushing	33.67079057, -116.1280758	Agriculture channel	Channel		Larvicide	Spinosad Natular 2EC	Event	09/04/2012	12:21	Jeff Rushing and Jeni	
09/04/2012	Jeff Rushing	33.67079057, -116.1280758	Agriculture channel	Channel		Larvicide	Spinosad Natular 2EC	Post-Event	09/18/2012	9:55	Ramon Gonzales and	
09/06/2012	Olde Avalos	33.44713391, -116.06646311	Agriculture channel	Channel		Larvicide	Spinosad Natular 2EC	Background	09/06/2012	12:15	Jennifer Henke	
09/06/2012	Olde Avalos	33.44713391, -116.06646311	Agriculture channel	Channel		Larvicide	Spinosad Natular 2EC	Event	09/06/2012	12:33	Jennifer Henke	
09/06/2012	Olde Avalos	33.44713391, -116.06646311	Agriculture channel	Channel		Larvicide	Spinosad Natular 2EC	Post-Event	09/20/2012	14:18	Gabriela Harvey	
09/06/2012	Olde Avalos		-	Channel		Larvicide	Spinosad Natular 2EC	Background		11:20	Jennifer Henke	
09/06/2012	Olde Avalos		Agriculture channel	Channel		Larvicide	Spinosad Natular 2EC	Event	09/06/2012	11:39	Jennifer Henke	
09/06/2012	Olde Avalos		Agriculture channel	Channel		Larvicide	Spinosad Natular 2EC	Post-Event	09/20/2012	14:25	Gabriela Harvey	
11/26/2012		33.55135174, -116.05452798	v	Channel			Spinosad Natular 2EC	Background		11:09	Jeff Rushing and Gab	
11/26/2012		33.55135174, -116.05452798		Channel			Spinosad Natular 2EC	Event	11/26/2012	11:37	Jeff Rushing and Gab	
11/26/2012		33.55135174, -116.05452798		Channel			Spinosad Natular 2EC	Post-Event	12/7/2012	9:59	Jeff Rushing and Gab	
	<u> </u>		-								Ť	

	W	eather Condition	ons					Visual	Observatio	ns			Field Measurements					
Date of	Overhead Conditions	Precipitation	Wind	Air	Water Color	Water Clarity	Floating/Susp ended Matter	Bottom	Aquatic Life	Water Surface Oils	Fungi,Slimes or objectionable	Potential Nuisance	Water	Electrical condutivity	Dissolved oxygen	pН	Turbidity	
Application	Conditions			Temperature		Clarity	ended Matter	Deposits	LIIE	Surface Oils	growths	Conditions	Temperature	(EC)	(DO)			
	M					0							(°F)	(µS/cm)	(mg/L)	(units)	(NTU)	
40/00/0040							rol District (CV		Ohaamaad		Not Observed	None	C 4 4	7000	5.0	0.00	40.05	
10/26/2012	Clear/sunny	None	Light breeze				Observed	Not Observ			Not Observed	None	64.4	7968	5.3	8.82	12.35	
10/26/2012	Clear/sunny	None	Light breeze				Observed	Not Observ			Not Observed	None	65.7	8309	5.4	8.65	17.39	
10/26/2012	Clear/sunny	None		Warm/mild			Observed		Not Observ		Not Observed		62.7	10981	15.0	8.13	51	
10/26/2012	Clear/sunny	None	Light breeze			,	Observed		Observed		Not Observed		64.8	4168	4.7	9.29	83.0	
10/26/2012	Clear/sunny	None	Light breeze			,	Observed	Not Observ			Not Observed	None	70.3	4591	3.3	9.42	92.2	
10/26/2012	Clear/sunny	None	Light breeze			,	Observed		Observed		Not Observed		60.1	6648	10.4	9.10	808	
10/29/2012	Clear/sunny	None	Light breeze			,		Observed			Not Observed		64.1	18470	0.9	7.91	17.51	
10/29/2012	Clear/sunny	None	V			,		Observed			Not Observed		64.9	20826	0.9	8.13	24.77	
10/29/2012	Clear/sunny	None	Light breeze			Clear	Observed		Observed		Not Observed		60.0	18905	7.0	8.02	11.06	
10/30/2012	Clear/sunny	None	Calm	Hot		Murky	Observed	Not Observ			Not Observed		65.6	6403	5.3	8.90	11.36	
10/30/2012	Clear/sunny	None	Calm	Hot		Murky	Observed	Not Observ			Not Observed		65.0	6335	6.2	8.82	11.56	
10/30/2012	Overcast	None	Calm	Cool		Murky	Observed		Observed		Not Observed	None	54.8	5127	6.5	8.36	16.46	
10/30/2012	Clear/sunny	None	Calm	Warm/mild	Brown	Murky	Observed		Observed		Not Observed	None	61.2	6380	2.6	8.19	3358	
10/30/2012	Clear/sunny	None	Calm	Hot		Murky	Observed		Observed		Not Observed	None	61.7	6661	1.6	8.46	24.08	
10/30/2012	Overcast	None	Calm	Cool	Yellow	Clear	Observed		Observed		Not Observed	None	55.3	7402	12.2	8.16	13.71	
10/30/2012	Clear/sunny	None	Calm	Warm/mild	Brown	Murky	Observed	Not Observ			Not Observed	None	71.4	11368	7.4	9.08	1424	
10/30/2012	Clear/sunny	None	Calm	Warm/mild	Brown	Murky	Observed	Not Observ	Observed	Sheen	Not Observed	None	73.1	12152	4.5	8.98	47	
10/30/2012	Partly cloudy	None	Calm	Warm/mild	Green	Clear	Observed	Observed	Observed	Flecks	Not Observed	None	65.7	12853	12.7	8.86	24.02	
	Spinosads - /	Agriculture - C	Coachella Val	ley Mosquito	Vector Contr	ol Distri	ict (CVMVCD)										-	
06/27/2012	Clear/sunny	None	Calm	Hot	Brown	Murky	Observed	Not Observ	Observed	none	Observed	None	72.9	76286	6.4	7.72	3.32	
06/27/2012	Clear/sunny	None	Calm	Hot	Brown	Murky	Observed	Not Observ	Observed	none	Observed	None	73.3	74166	3.5	7.46	10.93	
06/27/2012	Partly cloudy	None	Calm	Hot	Brown	Murky	Observed	Not Observ	Observed	Coatings	Observed	None	82.0	45017	1.20	7.06	23.5	
08/15/2012	Partly cloudy	None	Calm	Hot	Brown	Murky	Observed	Not Observ	Observed	none	Observed	None	85.4	53174	2.3	7.28	55.7	
08/15/2012		None	Calm	Hot		Murky	Observed	Not Observ			Observed	None	85.6	53904	1.8	7.44	43.56	
08/15/2012	Clear/sunny	None	Light breeze				Observed	Not Observ			Observed	None	76.4	21380	1.2	6.77	36.84	
09/04/2012	Partly cloudy	None	Light breeze			Murky	Observed	Not Observ			Observed	None	82.1	6053	0.3	7.69	17.23	
09/04/2012	Partly cloudy	None	Light breeze			Murky	Observed	Not Observ			Observed		81.7	6551	0.4	7.93	14.23	
09/04/2012	Clear/sunny	None	Light breeze			Murky		Not Observ		-	Observed	None	74.5	2345	0.6	9.24	24.78	
		None	Light breeze			Clear	Not Observed				Not Observed		80.5	7035	5.0	7.66	4.80	
09/06/2012	Clear/sunny	None	Light breeze			Clear	Not Observed				Not Observed	None	80.3	3653	6.4	7.79	2.66	
09/06/2012	Clear/sunny		Light breeze			Clear	Not Observed				Not Observed	None	82.1	1275	6.7	8.20	2.22	
09/06/2012	Clear/sunny	None	Calm	Hot		Clear	Observed	Not Observ			Observed	None	95	7167	7.5	7.87	31.99	
09/06/2012	Clear/sunny	None	Calm	Hot		Clear		Not Observ			Observed	None	96.7	7266	7.3	8.31	22.80	
09/06/2012	Clear/sunny	None	Light breeze			Clear	Observed	Observed		, v	Observed	None	92.9	2943	10.8	7.99	2.66	
			Gusty	Warm/mild			Observed	Not Observed			Not Observed		53.7	23380	2.6	8.39	5.64	
			Justy	vvann/miu		wurky	Chaelven	NOL ODSEL					00.1					
11/26/2012		None	Light breeze	Warm/mild	Yellow	Murky	Observed	Not Obcon	Ohserved	Films	Not Observed	None	54 0	23250	23	8 67	612	
	Clear/sunny	None None	Light breeze Light breeze					Not Observ			Not Observed Not Observed		54.0 56.7	23259 24238	2.3 2.9	8.67 8.36	6.13 5.71	

			Application Info			-		MONITORING Information					
Date of Application	Applicator	Location	Name of Water Body	Type of Water Body	Description	Type of pesticide	Product Name	Time of Monitoring	Monitoring Date	Time	Name(s) of personnel		
	Cninecodo, Urb	an - Greater Los Angeles Cou	nty Vester Centrel Die										
08/31/2012	T. Tran	837	Compton Creek	Open waterway		Larvicida	Natular 2EC	Background	8/31/2012	7:40 AM	S. Kluh		
08/31/2012	T. Tran	837	Compton Creek	Open waterway			Natular 2EC	Event	8/31/2012	11:15 AM	S. Kluh		
08/31/2012	T. Tran	837	Compton Creek	Open waterway			Natular 2EC	Post-Event	9/25/2012	7:45 AM	S. Kluh		
10/9/2012	K. Pett	1175	Dry Creek	Channel			Natular 2EC	Background		9:10 AM	S. Kluh		
10/9/2012	K. Pett	1175	Dry Creek	Channel			Natular 2EC	Event	10/9/2012	10:30 AM	S. Kluh		
10/09/2012	K. Pett	1175	Dry Creek	Channel			Natular 2EC	Post-Event	10/22/2012	9:45 AM	S. Kluh		
		853		Channel			Natular 2EC				S. Kluh		
10/9/2012	K. Pett	853	Pathfinder Channel					Background	10/9/2012	8:35 AM			
10/9/2012	K. Pett		Pathfinder Channel	Channel			Natular 2EC	Event	10/9/2012	9:45 AM	S. Kluh		
10/09/2012	K. Pett	853	Pathfinder Channel	Channel			Natular 2EC	Post-Event	10/22/2012	9:10 AM	S. Kluh		
10/17/2012	K. Pett	6982	Wilmington Connector				Natular 2EC	v	10/17/2012	9:15 AM	S. Kluh		
10/17/2012	K. Pett	6982	Wilmington Connector				Natular 2EC	Event	10/17/2012	13:35 PM	S. Kluh		
10/17/2012	K. Pett	6982	Wilmington Connector				Natular 2EC	Post-Event	10/30/2012	10:22 AM	S. Kluh		
10/22/2012	K. Pett	1175	Dry Creek	Channel			Natular 2EC	Background		9:45 AM	S. Kluh		
10/22/2012	K. Pett	1175	Dry Creek	Channel			Natular 2EC	Event	10/22/2012	10:45 AM	S. Kluh		
10/22/2012	K. Pett	1175	Dry Creek	Channel			Natular 2EC		11/5/2012	9:40 AM	S. Kluh		
10/22/2012	K. Pett	853	Pathfinder Channel	Channel			Natular 2EC	Background		8:35 AM	S. Kluh		
10/22/2012	K. Pett	853	Pathfinder Channel	Channel			Natular 2EC	Event	10/22/2012	9:45 AM	S. Kluh		
10/22/2012	K. Pett	853	Pathfinder Channel	Channel		Larvicide	Natular 2EC	Post-Event	11/5/2012	9:15 AM	S. Kluh		
		tlands - Sacramento-Yolo Mos											
10/022012		38°16'17.15"N 121°26'21.85"W			CRP 1		Natular 2 EC	Background		12:31 PM	Dustin Burkhalter, Ma		
10/022012		38°16'17.15"N 121°26'21.85"W			CRP 1		Natular 2 EC	Event	10/02/2012	1:34PM	Dustin Burkhalter, Ma		
10/022012		38°16'17.15"N 121°26'21.85"W			CRP 1		Natular 2 EC	Post-Event	10/09/12	11:05 AM	Marty Scholl		
10/022012		38°16'23.99"N 121°26'23.62"W			CRP 2		Natular 2 EC	Background	10/02/2012	12:40 PM	Dustin Burkhalter, Ma		
10/022012		38°16'23.99"N 121°26'23.62"W			CRP 2	Larvicide	Natular 2 EC	Event	10/02/2012	1:41PM	Dustin Burkhalter, Ma		
10/022012	Dustin Burkhalter	38°16'23.99"N 121°26'23.62"W			CRP 2	Larvicide	Natular 2 EC	Post-Event	10/09/12	11:16 AM	Marty Scholl		
10/02/2012	Steve Ramos	38°16'23.45"N 121°26'28.51"W	Wetland - Cosumnes F	Pond	CRP 3	Larvicide	Natular 2 EC	Background	10/02/2012	12:59 PM	Steve ramos, Marty S		
10/02/2012	Steve Ramos	38°16'23.45"N 121°26'28.51"W	Wetland - Cosumnes F	Pond	CRP 3	Larvicide	Natular 2 EC	Event	10/02/2012	1:47 PM	Steve Ramos, Mary S		
10/02/2012	Steve Ramos	38°16'23.45"N 121°26'28.51"W	Wetland - Cosumnes F	Pond	CRP 3		Natular 2 EC	Post-Event	10/09/12		Marty Scholl		
10/02/2012	Steve Ramos	38°16'16.91"N 121°26'28.36"W	Wetland - Cosumnes F	Pond	CRP 4	Larvicide	Natular 2 EC	Background	10/02/2012	1:05 PM	Steve Ramos, Marty		
10/02/2012	Steve Ramos	38°16'16.91"N 121°26'28.36"W	Wetland - Cosumnes F	Pond	CRP 4	Larvicide	Natular 2 EC	Event	10/02/2012	1:52 PM	Steve Ramos, Mary S		
10/02/2012	Steve Ramos	38°16'16.91"N 121°26'28.36"W	Wetland - Cosumnes F	Pond	CRP 4	Larvicide	Natular 2 EC	Post-Event	10/09/12	11:32 AM	Marty Scholl		
10/02/2012	Steve Ramos	38°16'12.24"N 121°26'29.04"W	Cosumnes River Wetla	Pond	CRP 5	Larvicide	Natular 2EC	Background	10/02/2012	1:10 PM	Steve Ramos, Marty		
10/02/2012	Steve Ramos	38°16'12.24"N 121°26'29.04"W	Cosumnes River Wetla	Pond	CRP 5		Natular 2EC	Event	10/02/2012	1:57 PM	Steve Ramos, Marty		
10/02/2012	Steve Ramos	38°16'12.24"N 121°26'29.04"W			CRP 5		Natular 2EC		10/09/2012	11:39 AM	Marty Scholl		
10/02/2012	Steve Ramos	38°16'11.87"N 121°26'25.86"W			CRP 6		Natular 2EC	Background		1:13 PM	Steve Ramos, Marty		
10/02/2012	Steve Ramos	38°16'11.87"N 121°26'25.86"W			CRP 6		Natular 2EC	Event	10/02/2012	2:06 PM	Steve Ramos, Marty		
10/02/2012	Steve Ramos	38°16'11.87"N 121°26'25.86"W			CRP 6		Natular 2EC	Post-Event			Marty Scholl		

	W	eather Conditio	ons		Visual Observations									Field Measurements					
											Fungi,Slimes or	Potential		Electrical	Dissolved	1			
Date of	Overhead	Precipitation	Wind	Air	Water Color	Water	Floating/Susp	Bottom	Aquatic	Water	objectionable	Nuisance	Water	condutivity	oxygen	pН	Turbidity		
Application	Conditions		-	Temperature		Clarity	ended Matter	Deposits	Life	Surface Oils	growths	Conditions	Temperature	(EC)	(DO)	ľ			
											<u> </u>		(°F)	(µS/cm)	(mg/L)	(units)	(NTU)		
	Spinosads -	Urban - Greate	er LA County	Vector Contr	ol District									<i>/</i> /					
08/31/2012	Clear/sunny		Calm	1	Colorless	Clear	Not Observed	Not Observ	Observed		Not Observed	None	73.8	1018	2.93	7.25	4.65		
08/31/2012	Clear/sunny	None	Light breeze		Colorless	Clear	Not Observed	Not Observ	Observed		Not Observed	None		999	2.93	7.25	4.5		
08/31/2012	Clear/sunny	None	Calm	Warm/mild	Colorless	Clear	Not Observed	Not Observ	Observed		Not Observed	None	74.1	917	2.12	7.15	4.15		
10/9/2012	Partly cloudy	None	Calm	Warm/mild	Colorless	Clear	Not Observed	Not Observ	Observed		Not Observed	Foam	66	1842	5.93	8.23	1.55		
10/9/2012	Partly cloudy	None	Calm	Warm/mild	Colorless	Clear	Not Observed	Not Observ	Observed		Not Observed	Foam	68.8	2010	5.42	8.54	1.69		
10/09/2012	Partly cloudy	None	Light breeze	Warm/mild	Colorless	Clear	Not Observed	Not Observ	Observed		Not Observed	Foam	69.3	1562.00	14.41	8.92	0.75		
10/9/2012	Partly cloudy		Calm		Colorless	Clear	Not Observed	Not Observ	Not Observ	/ed	Not Observed	None	66.9	1481.00	12.63	8.22	2.85		
10/9/2012	Partly cloudy	None	Calm	Warm/mild	Colorless	Clear	Not Observed	Not Observ	Not Observ	ved	Not Observed	None	68.9	1379.00	11.41	8.46	2.39		
10/09/2012	Partly cloudy	None	Light breeze	Warm/mild	Colorless	Clear	Not Observed	Not Observ	Not Observ	ved	Not Observed	None	64.5	1349.00	9.85	8.45	0.8		
10/17/2012	Clear/sunny	None	Calm	Warm/mild	Colorless	Clear	Not Observed	Not Observ	Observed		Not Observed	Duck weed	67.6	1865.00	1.21	8.56	2.52		
10/17/2012	Clear/sunny	None	Calm	Warm/mild	Colorless	Clear	Not Observed	Not Observ	Observed		Not Observed	Duck weed	68.5	1854.00	1.22	8.55	2.79		
10/17/2012	Clear/sunny	None	Calm	Warm/mild	Colorless	Clear	Not Observed	Not Observ	Observed		Not Observed	Duck weed	65.2	1858.00	1.68	8.43	4.8		
10/22/2012	Partly cloudy	None	Light breeze	Warm/mild	Colorless	Clear	Not Observed	Not Observ	Observed		Not Observed	Foam	69.3	1562.00	14.41	8.92	0.75		
10/22/2012	Partly cloudy	None	Light breeze	Warm/mild	Colorless	Clear	Not Observed	Not Observ	Observed		Not Observed	Foam	69.8	1550.00	14.16	9.12	0.71		
10/22/2012	Clear/sunny	None	Calm	Warm/mild	Colorless	Clear	Not Observed	Not Observ	Observed		Not Observed	Foam	67.2	1543.00	15.01	8.95	0.82		
10/22/2012	Partly cloudy	None	Light breeze	Warm/mild	Colorless	Clear	Not Observed	Not Observ	Not Observ	/ed	Not Observed	None	64.5	1349.00	9.85	8.45	0.8		
10/22/2012	Partly cloudy	None	Light breeze	Warm/mild	Colorless	Clear	Not Observed	Not Observ	Not Observ	/ed	Not Observed	None	67,0	1320.00	10.53	8.74	0.82		
10/22/2012	Clear/sunny	None	Calm	Warm/mild	Colorless	Clear	Not Observed	Not Observ	Not Observ	/ed	Not Observed	None	65.2	1334.00	10.45	8.62	0.76		
	Spinosads -	Netlands - Sa	cramento-Yo	lo Mosquito \	ector Contro	ol Distric	t (SYMVCD)												
10/022012	Clear/sunny	None	Gusty	Hot	Brown	Murky	Observed	Observed	Observed	Films	Observed	None	79.25	251	7.96	6.83	43.2		
10/022012	Clear/sunny	None	Light breeze	Hot	Brown	Murky	Observed	Observed	Not Observ	Films	Observed	None	82.85	256	8.72	7.16	35.9		
10/022012	Clear/sunny	None	Light breeze	Warm/mild	Colorless	Clear	Observed	Observed	Observed	Films	Not Observed	None	68.01	270	7.86	6.97	12.0		
10/022012	Clear/sunny	None	Calm	Hot	Brown	Murky	Observed	Observed	Not Observ	Films	Not Observed	None	85.01	172	9.36	7.14	4.77		
10/022012	Clear/sunny	None	Calm	Hot	Brown	Murky	Observed	Observed	Not Observ	Films	Not Observed	None	87.13	16.9	7.46	6.97	11.46		
10/022012	Clear/sunny	None	Light breeze	Warm/mild	Colorless	Clear	Not Observed	Observed	Observed		Not Observed	None	72.01	183	11.82	7.04	4.35		
10/02/2012	Clear/sunny	None	Calm	Hot	Brown	Murky	Observed	Observed	Not Observ	None	Observed	None	81.14	218	8.94	6.79	17.3		
10/02/2012	Clear/sunny	None	Calm	Hot	Brown	Murky	Observed	Observed	Not Observ	Films	Not Observed	None	81.32	216	10.14	6.79	13.9		
10/02/2012	Clear/sunny	None	Light breeze	Warm/mild	Brown	Clear	Not Observed	Observed	Observed		Observed	None	74.50	180	11.51	6.61	14.6		
10/02/2012	Clear/sunny	None	Calm	Hot	Brown	Murky	Observed	Observed	Not Observ	None	Observed	None	82.97	204	16.31	7.37	14.9		
10/02/2012	Clear/sunny	None	Calm	Hot	Brown	Murky	Observed	Observed	Not Observ		Not Observed			206	17.82	7.5	19.2		
10/02/2012	Clear/sunny	None	Light breeze	Warm/mild	Brown	Clear	Not Observed	Observed	Observed		Not Observed	None	68.92	208	14.83	7.73	6.53		
10/02/2012	Clear/sunny	None	Calm	Hot	Brown	Murky	Observed	Observed	Not Observ	none	Observed	None	76.76	220	16.16	7.16	15.2		
10/02/2012	Clear/sunny	None	Calm	Hot	Brown	Murky	Observed	Observed	Not Observ		Observed	None	79.38	219	16.61	7.15	15.6		
10/02/2012	Clear/sunny	None	Light breeze	Warm/mild	Colorless	Murky	Not Observed	Observed	Observed	None	Not Observed	None	66.86	219	8.99	7.39	5.97		
10/02/2012	Clear/sunny	None	Calm	Hot	Brown	Murky	Observed	Observed	Not Observ	Films	Observed	None	81.99	217	8.05	7.3	13.4		
10/02/2012	Clear/sunny				Brown			Observed			Observed	None	83.35	215	8.17	7.15	17.2		
10/02/2012	Clear/sunny	None	Light breeze	Warm/mild	Colorless	Murky	Not Observed	Observed	Observed	None	Not Observed	None	66.78	197	6.71	7.35	6.49		